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Melvin John Kemp
Detroit

CLASSIFIED INDEX

OF

SUBJECTS OF INVENTION

ADOPTED IN

THE U. S. PATENT OFFICE,

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1872.

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CLASSIFICATION
OF
SUBJECTS OF INVENTION.

CLASS 1.

AËRATION AND BOTTLING.

Aërated Liquor Apparatus and Processes, Soda-fountains and Fire-annihilators, Barrel-filling and Bungs, Bottling and Bottle-stoppers.

Aërated liquids.
Aërated liquor apparatus.
Aërating dough, Apparatus for
Barrel-cleaners.
Barrel-fillers.
Barrel-lining. (*See Class 91.*)
Barrel-pitching. (*See Class 91.*)
Barrel-rollers.
Barrel-stands and skids.
Barrel-tilters.
Barrel-washers.
Bottle-cleaners.
Bottle envelopes.
Bottle-fillers.
Bottle-racks.
Bottles, Boxes for transporting
Bottle-stoppers.
Bottle-washers.
Bottling-implements.
Bottling-machines.
Bungs.
Bungs, Bushes for

Bungs, Extractors for
Bushings for barrels.
Collapsible casks for beer, &c.
Corking-machines.
Cork-making machines. (*See Class 142.*)
Cork-presses.
Corks, Artificial
Effervescing preparations for beverages.
Fire-annihilators, Gas-generating
Fire-engines, Chemical
Gazogenes.
Mineral-waters, Compositions for
Siphon-bottles.
Sirup-gages.
Sirup-fountains.
Soda-fountains.
Soda-fountains, Apparatus for charging
Soda-water apparatus.
Vents for barrels.

CLASS 2.

APPAREL.

Clothing and Clothes-making, Work-table appliances, Patterns for Garments.

[*Excepting Boots and Shoes Class 12.*
Head-coverings Class 38.
Hoop-skirts and Corsets Class 29.
Knitting-machines Class 66.
Paper-garments Class 93.
Sewing-machines Class 112.]

Balmorals.
 Belts, Body
 Boas.
 Bodkins.
 Body-conformators.
 Bonnet-stands.
 Bosom-folders.
 Bosoms.
 Boxes for spools and thread.
 Braces.
 Capes.
 Cloaks.
 Cloth crimping machines.
 Cloth-cutting machines.
 Cloth-plaiting machines.
 Clothes-pressing machines.
 Coats.
 Collars, (*except of Paper, Class 93.*)
 Cravat-holders.
 Cravats.
 Crochet.
 Cuffs.
 Cuff-supporters.
 Cushions for pins, needles, and sewing-work.
 Cutting out garments.
 Darning-lasts.
 Darning-machines.
 Diapers.
 Drawers.
 Dress-protectors.
 Dress-supporters.
 Dummies for displaying clothing.
 Eyeletting-machines. (*See Class 24.*)
 Feather dressers.
 Finger-guards.
 Fitting garments.
 Fluting-machines.

Frames for measuring and fitting garments.
 Frames for tambour-work and quilting.
 Frilling.
 Fur, Articles of
 Gages for cutting garments.
 Gaiterettes, (of cloth.)
 Garments, (*except of Paper, Class 93.*)
 Garments, Gages for cutting
 Garments, Machines for cutting out
 Garments, Patterns for
 Garments, Systems of measuring and cutting
 Garters.
 Glove-making.
 Gloves.
 Glove-stretching machines.
 Glove-turning machines.
 Hangers for clothing.
 Hemmers, Hand
 Hosiery. (*See Class 66.*)
 Hosiery-ironing machines.
 Housewives.
 Ironing-machines, Tailors' and hosiery
 Ladies' figure-stands.
 Mittens.
 Muffs.
 Neck-tie retainers.
 Neck-ties.
 Needle-boxes.
 Needle-cases.
 Needle-guards.
 Needles.
 Needle-threaders.
 Needle-wrappers.

Pantalets.
 Pantaloon-protectors.
 Pantaloons.
 Pantaloon-straps.
 Pantaloon-stretchers.
 Patterns for garments.
 Pin-boxes.
 Pin-cushions.
 Pinking-machines.
 Plaiting-machines.
 Pockets.
 Pockets, Safety
 Pressing garments.
 Quilting-frames.
 Ripping-tool.
 Ruffles.
 Ruffles, Machines for making
 Safety-guards for watches and
 pocket-books.
 Sewing-birds.
 Sewing-boxes.
 Sewing-guards.
 Sewing-pins.
 Sewing-stands.
 Sewing-work holders.
 Shawls.
 Shirt-bosoms.
 Shirts.
 Shoulder-braces.
 Shoulder-straps.
 Shoulder-supporters.
 Shuttles, Tatting
 Skirt-covers.

Skirt-elevators.
 Skirts, Binding for
 Skirts, (*except Crinoline, Class 29.*)
 Skirt-supporters.
 Sleeves.
 Spool-cases.
 Spool-holders.
 Spool-stands.
 Stockings, Toe and heel protect-
 ors for
 Stocking-supporters.
 Stocks, Neck
 Suspenders.
 Tailoring.
 Tailors' ironing-machines.
 Tatting-shuttles.
 Thimbles.
 Thread and spool boxes.
 Thread-cutters.
 Thread-envelopes.
 Threaders.
 Tippets.
 Trimmings for garments.
 Under-garments, (*except Knitted,*
Class 66.)
 Under-sleeves.
 Veils.
 Vests.
 Work-baskets.
 Work boxes, Sewing-
 Work holders, Sewing-
 Work-table, Appliances for the
 Wrappers.

CLASS 3.

ARTIFICIAL LIMBS.

Including all Prosthetic Parts, Splints, Fracture, and Orthopedic Appliances.

[*Except Artificial Teeth and Dentures, Class 32.*]

Arms, Artificial	Ear-trumpets.
Artificial arms.	Ear-tubes.
Artificial ears.	Eyes, Artificial
Artificial eyes.	Extension-apparatus for fractures.
Artificial feet.	Feet, Artificial
Artificial hands.	Fractures, Apparatus for reducing
Artificial legs.	Hands, Artificial
Artificial palates.	Legs, Artificial
Auricles.	Orthopedic apparatus.
Club feet, Apparatus for	Palates, Artificial
Counter-extension apparatus.	Spinal curvatures, Instruments
Crutches.	for treating
Dislocation apparatus.	Splints.
Ears, Artificial	

CLASS 4.

BATHS AND CLOSETS.

Baths, Water and Earth Closets, Urinals, Wash Stands and Basins, Sinks, and Stench-traps.

[*Except Faucets, Class 136.*]

[*For Manufacture of Water-pipe Fittings and Faucets, see Class 53, Section K.*]

Air-traps for sinks and sewers.	Faucets. (<i>See Class 136.</i>)
Bath-heaters. (<i>See Class 126.</i>)	Kitchen-sinks.
Bathing apparatus.	Sinks.
Bathing tubs.	Stench-traps.
Baths.	Traps, Stench
Baths, Douche	Traps, Water
Baths, Medicated	Urinals.
Baths, Shower	Urinals, Portable
Baths, Vapor	Valves, Water-closet. (<i>See Class</i>
Baths, Voltaic. (<i>See Class 36.</i>)	136.)
Bidets.	Wash-basins.
Chamber-pots.	Wash-stands.
Commodes.	Water-closets.
Deodorizing materials and processes. (<i>See Manures, Class 71.</i>)	Water-closets, Appliances of
Earth closets.	Water-traps.

CLASS 5.

BEDS.

Bedsteads, Bedding, and Bed-furniture.

Bed-bottoms.	Clothes-clamps.
Bed-clothes clasps.	Couches.
Bed-bugs, Traps for	Cradles.
Bedding.	Cribs.
Beds.	Curled hair and its substitutes.
Bedstead canopies.	Hammocks.
Bedstead-cording.	Mattresses.
Bedstead-fastenings.	Mattresses, Materials for
Bedstead-keys.	Mattresses, Machines for making
Bedsteads.	Mosquito-netting, Frames for
Bedsteads and other furniture	Nursing couches.
combined.	Palliasses.
Bedsteads, Invalid	Pillows.
Bedsteads, Sofa	Sponge for stuffing, Preparing
Bedsteads, Spring-slats for	Springs for beds.
Bedsteads, Valances for	Stuffing for mattresses, pillows,
Bedsteads, Ventilating	&c.
Bedsteads, Wardrobe	Stuffing for upholstering pur-
Bed-wrenches.	poses.
Camp-beds.	Upholstering stuffing.
Canopies for bedsteads.	Valances.
Camp-cots.	

CLASS 6.

BEE-HIVES.

Apiaries and Bee-culture.

Apiaries.
Bee-culture.
Bee-feeders.
Bee-fumigators.

Honey-boxes for bee-hives.
Moth-destroyers.
Moth-traps.
Swarm-indicators.

CLASS 7.

BEER AND WINE.

Beer, Wine, Cider, and Vinegar.

[*Except Mills and Presses, Class 100.*]

Ageing liquors.	Fermented liquors, Preserving
Anti-fermentation processes and applications.	Hop-backs.
Beer-coolers. (<i>See Class 62.</i>)	Hop-extracts.
Beer-cooling vats.	Hops, Treatment of
Beer-preserving vessels.	Malting.
Brewery apparatus.	Malt liquors, Cooling
Brewing.	Malt liquors, Preserving
Cider-making, (<i>except Presses, Class 100.</i>)	Mash-tubs.
Clarifying wines, &c.	Preserving fermented liquors.
Cooling-wort.	Racking wines, &c.
Fermentation-checks.	Vinegar apparatus.
Fermented liquors, Cooling	Vinegar processes.
	Wine-ageing.
	Wine-making.

CLASS 8.

BLEACHING, DYEING, ETC.

Bleaching, Dyeing, Sizing, and Printing Fabrics. Starch.

Aniline dyes.
Bucking-kiers.
Bleaching materials.
Bleaching processes.
Calico-printing, Composition for
Calico-printing, Processes for
Dextrine.
Dyeing apparatus.
Dyeing materials.
Dyeing processes.
Dyes.

Dye-vats.
Dye-wood extracts.
Glazed fabrics.
Paste, Compositions for
Paste-making.
Printing fabrics.
Resist printing.
Size, Preparation of
Sizing fabrics.
Starch, Manufacture of

CLASS 9.

BOATS.

Boats, Rafts, and Life-preservers.

Animals across rivers, Floating
Boat-bridges.
Boat-building.
Boat-detaching apparatus.
Boat-hoists.
Boat-hooks.
Boats.
Boats, Folding
Boats, Life
Boats, Metallic
Boats, Sectional
Boats, Surf
Buoys.
Buoy-safes.
Davits.
Detaching boats from davits.
Ferry-boats. (*See Class 114.*)
Floating safes.
Folding-boats.
Ice-boats.
Life-boats.

Life-buckets.
Life-preservers.
Life-rafts.
Logs, Booming
Logs, Rafting
Lowering boats.
Marine safes.
Metallic boats.
Oar-locks.
Oars.
Oars, Feathering
Outriggers.
Ponton-bridges.
Pontons.
Rafting-dogs.
Rafting logs.
Rafts.
Row-locks.
Sectional boats.
Surf-boats.
Suspending ships' boats.

CLASS 10.

BOLTS, NUTS, AND RIVETS.

Articles, Varieties, and Machines for Making. Taps, Screw-dies, and Lock-nuts.

Bolt-heading machines.
 Bolt-making machines.
 Bolts, Screw
 Bolt-threading machines.
 Dies for cutting screws.
 Die-stocks.
 Locking-nuts.
 Nut-blanks, Making
 Nut-locks.
 Nut-making machines.
 Nuts.
 Nut-threading machines.

Riveting-machines.
 Rivet making.
 Rivets.
 Screw-bolts.
 Screw-nuts.
 Screw-taps.
 Stocks and dies.
 Taps.
 Washer-making machines, Metallic
 Washers, Metallic

CLASS 11.

BOOK-BINDING.

Binding Books and Ruling Paper.

Account-books, Binding of
Albums, Binding of
Book-binders' presses.
Book-binding materials, processes, styles, tools, and machines.
Book-cover fastenings.
Book-covers.
Book-covers, Machines for making
Books in the round, Machines for cutting

Book-sewing machines.
Embossing-presses.
Indexing.
Plows, Book-binders'
Portfolios, Making
Ruling machines.
Ruling-machines, Pens for
Sewing-presses.

CLASS 12.

BOOTS AND SHOES.

Boots, Shoes, their Parts, Varieties, and Materials, Tools and Machines for making.

[For Manufacture of Shoemakers' Hardware, see Class 53, Section G.]

Anklets.	Insoles.
Awls, Shoemakers'	Jacks, Pegging
Boot-channeling machines.	Lacing, Leather shoe
Boot-clamps.	Lap-shavers.
Boot-crimps.	Last-holders.
Boot-grooving machines.	Lasting-machines.
Boot-hooks.	Lasts.
Boot-linings.	Lasts, Toe-pieces for
Boot-patterns.	Leather pegs for shoes.
Boots and shoes.	Leggings.
Boot-seam rubbers.	Moccasins.
Boots, Metallic braces for	Nailing machines, Boot-
Boots, Metallic shanks for	Overshoes.
Boots, Metallic soles for	Peg-cutters.
Boot-soles.	Pegging-jacks.
Boot-stretchers.	Pegging-machines.
Boots, Wooden soles for	Pegging soles.
Boot-trees.	Pegs, Leather
Boot-uppers.	Pegs, Machines for arranging
Boot-ventilators.	Pegs, Machines for driving.
Burnishing machines, Boot-	Pegs, Shoe
Calks, Boot	Pinchers, Lasting
Channeling-machines.	Pinchers, Shoemakers'
Counters.	Rand-machines.
Crimping-machines and tools.	Rands.
Cutting-boards for leather.	Rubber boots.
Edge-planes for soles.	Rubber shoes.
Floats, Boot	Rubber soles.
Gaiters, Leather	Sandals.
Galoshes.	Sewing-machines for boots and
Heel and toe caps, Materials for	shoes. (See Class 112.)
Heel-caps	Shank-cutters.
Heel-fastenings.	Shank-lasters.
Heel-irons.	Shank-markers.
Heel-plates.	Shanks, Boot
Heel-polishing machines.	Shank-stiffeners.
Heel-protectors.	Shoe-binding.
Heels.	Shoe-clasps.
Heel-shaves.	Shoe-distenders.
Heels, Machines for cutting	Shoe-fasteners.
Heels, Machines for dressing	Shoe-hammers.
Heel-stiffeners.	Shoe-holders.
Heel-trimming machines.	Shoe-hooks.
Ice-creepers.	Shoe-horns.
Ice-sandals.	Shoe-lacing.

Shoe-lacing, Machines for tagging	Tags, Machines for cutting shoe
Shoe-lacing hooks.	Tips, Shoe
Shoe-linings.	Toe-caps.
Shoemakers' benches.	Trees, Boot
Shoemakers' tools.	Uppers, Machines for cutting
Shoe-patterns.	Ventilators for boots.
Shoes.	Waxed-ends, Machines for twist-
Shoe-soles.	ing
Shoe-stays.	Waxing thread, Machines for
Shoe-straps.	Welts.
Slippers.	Welts, Machines for forming
Soles for boots and shoes.	Welts, Machines for trimming

CLASS 13.

BRAKES AND GINS.

Treatment of Raw Flax, Hemp, and Cotton, Hair and Oakum Pickers, and Husk-Splitters.

Braking-machines.
 Corn-husk splitters.
 Cotton-gins.
 Fabrics for re-use of fiber, Tear-
 ing up
 Fibers of plants, Separating
 Flax-brakes.
 Flax rotting.
 Flax-scutchers.
 Gins, Cotton
 Hackles.
 Hackling corn-husks.

Hackling-machines.
 Hair-pickers.
 Hemp-brakes.
 Hemp-hackling.
 Hemp-rotting.
 Husk-splitting.
 Oakum-pickers.
 Ripples for flax, broom-corn, &c.
 Rotting flax and hemp.
 Scutching-machines.
 Separating fibers of plants for use
 in textile fabrics.

CLASS 14.

BRIDGES.

Bridges and Arches, their Piers and Abutments, Trusses and Girders for Bridges, Floors, and Roofs, Iron Trusses, Piers, and Columns.

Abutments for arches.	Iron trusses.
Anchors for suspension-cables.	Piers, Bridge and abutment
Arches.	Ponton bridges. (<i>See Class 9.</i>)
Bascule bridges.	Saddles for suspension-bridges.
Boat-bridges. (<i>See Class 9.</i>)	Stone bridges.
Bow-string bridges.	Suspension-bridges.
Bridges.	Suspension-cable anchors.
Cables, Suspension-bridge. (<i>See</i>	Suspension-bridge cables. (<i>See</i>
<i>Class 140.</i>)	<i>Class 140.</i>)
Centering for arches.	Suspension-cable saddles.
Columns, Iron	Suspension-cable wire-carriers.
Draw-bridges.	Swing bridges.
Ferry-boats. (<i>See Class 114.</i>)	Truss bridges.
Floating bridges. (<i>See Class 114.</i>)	Trusses for bridges, floors, and
Flying bridges.	roofs.
Girders for bridges, floors, roofs.	Trusses of iron or wood.
Girders of iron or wood.	Tubular bridges.
Iron bridges.	Viaducts.
Iron columns.	Wire cables. (<i>See Class 140.</i>)
Iron girders.	Wooden bridges.
Iron piers.	

CLASS 15.

BRUSHES AND BROOMS.

Brooms, Brushes, Mats, Mops, and Machines for making.

[*Excepting Machines for Wood-working, Class 144.*]

Boot-cleaners.	Horse-brushes.
Bottle-brushes.	Husk brooms.
Bristle-assorting machines.	Knuckle-shields for scrubbing.
Bristle-bunching machines.	Mats, Car
Bristle-cleaning machines.	Mats, Door
Bristle-washing machines.	Mats for cars, Wooden
Broom-handles.	Mats, Slat
Broom-heads.	Mop-handles.
Brooms.	Mop-heads.
Brush backs.	Mops.
Brushes, (<i>all kinds except Wire,</i>	Mop-wringers.
<i>Class 140.</i>)	Nail-brushes.
Brush-handles.	Paint-brushes.
Brush-heads.	Rotary brushes.
Brush-making machines.	Scrubbing-brushes.
Coir brooms.	Scrubbing-machines.
Corn brooms.	Scrubbing-pails.
Door-mats.	Shoe-brushes.
Flesh-brushes.	Slat-mats.
Floor covering, Slatted	Slatted floor-covering.
Hair-brooms.	Splint brooms.
Hair-brushes.	Tooth-brushes.
Hickory brooms.	

CLASS 16.

BUILDERS' HARDWARE.

Metallic Trimmings of Houses and Furniture.

[*Except Bells and Bell-hanging.. Class 116.**Locks and Latches Class 70.**Nails Class 85.]*[*For Manufacture of Builders' Hardware, see Class 53, Section B.*]

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| Barn-door hangers. | Hat and coat hooks. |
| Barn-door rollers. | Heads for nails and screws. |
| Bell-hanging. (<i>See Class 116.</i>) | Hinges. |
| Bell-pulls. | Hinges, Blind |
| Bells. (<i>See Class 116.</i>) | Hinges, Door |
| Bells, Cow. (<i>See Class 54.</i>) | Hinges, Gate |
| Bells, Sleigh. (<i>See Class 54.</i>) | Hinges, Loose-joint |
| Blind-adjusters. | Hinges, Self-shutting |
| Blind-fasteners. | Hinges, Shutter |
| Blind-hinges. | Hinges, Springs |
| Blind-operators. | Hooks, Coat and hat |
| Bolts for doors, shutters, and
blinds. | Hooks, Door |
| Bolts, Chain | Hooks, Furniture |
| Bolts, Spring | Hooks, Shutter |
| Buffers for doors. | Pulleys, Sash |
| Cabin-door hooks. | Rollers, Barn-door |
| Car-window fastenings. | Roller-sheaves for doors. |
| Casters, Furniture | Rollers, Sash |
| Chocks, Door | Rollers, Sliding-door |
| Coffin handles. | Sash-bolts. |
| Coffin hardware. | Sash-centers. |
| Door-bolts. | Sashes, Fasteners for meeting
rails of |
| Door-buttons. | Sash-fasteners. |
| Door-checks. | Sash-hangings. |
| Door-hangers. | Sash-pulleys. |
| Door-hinges. | Sash-rollers. |
| Door-holders. | Sash-springs. |
| Door-plates, Attaching | Sash-stops. |
| Door-pulls. | Sash-weights. |
| Door-securers. | Shutter-bars. |
| Door-sheaves. | Shutter-fasteners. |
| Door-springs. | Shutter-hinges. |
| Door-stops. | Shutter-lifts. |
| Drawer-pulls. | Shutter-operators. |
| Furniture-casters. | Sliding-door rollers. |
| Furniture-hooks. | Spring-bolts. |
| Furniture-knobs. | Spring-hinges. |
| Gate hinges. | Springs, Door |
| Hangings for doors, gates, and
sash. | Stair-rod fastenings. |
| | Stair-rods. |

Stops, Door
Supporters, Window
Trunk-rollers.
Weights, Sash

Window-buttons.
Window-fasteners.
Window-operators.
Window-supporters.

CLASS 17.

BUTCHERING.

Catching, Slaughtering, and Skinning Animals, Dressing Carcasses,
Cutting Meat, Sausage-Making.

Animal-catching.	Lard-squeezers. (<i>See Class 100.</i>)
Brine-tubs.	Meat-cutters.
Butchering appliances.	Meat-grinders.
Catching animals for slaughter- ing.	Mincing-machines.
Cleaning carcasses.	Packing-houses. (<i>See Class 99.</i>)
Clutches, Animal	Sausage-cutters.
Gallows for suspending carcasses.	Sausage-stuffers.
Gambrels.	Scalding-tubs and appliances.
Hair-cleaning.	Singeing apparatus.
Hog-elevators.	Skinning appliances.
Hog-slaughtering apparatus.	Slaughtering apparatus.
Knives, Butcher. (<i>See Class 30.</i>)	Steels. (<i>See Class 51.</i>)

CLASS 18.

CAOUTCHOUC.

Preparation and Manufacture of Caoutchouc, Gutta-Percha, and Vulcanite.

Caoutchouc manufactures.
Gutta-Percha manufactures.
Hard rubber.
India rubber.
Molds for rubber goods.
Rubber, Hard
Rubber, India

Rubber, Vulcanizing
Rubber, White
Vulcanite.
Vulcanizing furnaces.
Vulcanizing processes.
White rubber.

CLASS 19.

CARDING.

Preparation of Cotton and Wool for Spinning.

Alarms for stop-motions of carding-machines.	Cotton-pickers, (Factory)
Batting-machines.	Doffing apparatus.
Burring-machines.	Feeding apparatus for carding-machines.
Cans for slivers.	Flat-strippers.
Cards, Cleaning	Lapping-machines.
Card-clothing.	Pickers, Wool or Cotton, (Factory.)
Carding-machines.	Slivers, Cans for
Carding-machines, Alarms for	Stop-motions for carding-machines.
Carding-machines, Cylinders for	Wadding.
Carding-machines, Stop-motions for	Wadding-machines.
Cards, (Wool and Cotton)	Wool-burring machines.
Card-strippers.	Wool-cleaning machines.
Coating or covering yarn.	Wool-oiling machines.
Combing-machines.	Wool-washing machines. (<i>See</i>
Coiling or laying slivers.	<i>Laundry, Class 68.</i>)
Cotton-gins. (<i>See Class 13.</i>)	Yarn coating or covering.
Cotton-cleaners.	

CLASS 20.

CARPENTRY.

Wood-work of Houses.

[*Except Trusses and Girders, Class 14.*]

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| <p> Awnings.
 Beams of wood, Compound
 Blind-operators. (<i>See Class 16.</i>)
 Blinds.
 Blinds, Metallic
 Brackets for staging.
 Carpenters' tools. (<i>See Class 145.</i>)
 Carpenters' work of buildings.
 Ceilings.
 Centering of arches.
 Door-hangers.
 Door-operators. (<i>See Class 16.</i>)
 Doors.
 Doors, Sliding
 Elevating scaffolds.
 Extension ladders.
 Fire-escapes.
 Fire-ladders.
 Fire-proof shutters.
 Frames of wood, (<i>except Trusses and Girders, Class 14.</i>)
 Floors.
 Floors, Fire-proof
 Floors, Wooden
 Girders. (<i>See Class 14.</i>)
 Gratings for windows.
 Guards for windows.
 Hatchways, Devices for operating
 Hatchways, Safety-guards for
 Houses.
 Houses, Construction of
 Houses, Portable
 Ladders.
 Ladders, Combination
 Ladders, Extension
 Ladders, Fire
 Ladders, Garden
 Ladders, Step
 Lathing.
 Lathing-machines. </p> | <p> Lathing, Metallic
 Joiners' work of buildings.
 Joints for timbers.
 Joists.
 Metallic blinds, doors, shutters,
 and gratings.
 Partitions of buildings, Wooden
 Portable houses.
 Rinks.
 Roofs. (<i>See Class 108.</i>)
 Safety-guards for hatchways.
 Safety-guards for windows.
 Sash.
 Sash-frames.
 Scaffolding.
 Scarfig and other timber-joints.
 Screens for window.
 Sheds and stables, Portable
 Shutter-operators. (<i>See Class 16.</i>)
 Shutters.
 Shutters, Fire-proof
 Siding of houses.
 Skylights, Operating.
 Sliding hills.
 Skating-rinks.
 Splicing timbers.
 Stairs.
 Step-ladders.
 Store-houses.
 Thresholds.
 Trap doors.
 Trusses for bridges, roofs, &c.
 (<i>See Class 14.</i>)
 Weather-boarding.
 Weather-strips.
 Window-blinds.
 Windows.
 Window-screens.
 Window-shutters.
 Wood-work of buildings. </p> |
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CLASS 21.

CARRIAGES AND WAGONS.

Construction of Wheeled Vehicles, including Sleighs, Trucks, Barrows, Litters, and Yokes.

[*Except Locomotives and Traction Engines... Class 123.*

Railway Cars..... Class 105.]

[*For Manufacture of Carriage and Wagon Hardware, see Class 53, Section C.*]

Ambulances.
 Anti-friction axle-bearings.
 Axle-arms.
 Axle-boxes, Compositions for
 Axle-boxes for carriages.
 Axles, Lubricators for carriage
 Axle-trees.
 Barrows.
 Biers.
 Bodies of vehicles.
 Boot-boxes of vehicles.
 Bow-irons of vehicles.
 Bows, Wagon
 Boxes of wheel-hubs.
 Brakes, Carriage
 Brakes, Wagon
 Calash-tops for carriages.
 Carriage-couplings.
 Carriage-curtain fastenings.
 Carriage hardware.
 Carriage-irons.
 Carriages.
 Carriages, Dress-guards for
 Carriage-seat fastenings.
 Carriage-seats.
 Carriages, Fire-engine
 Carriage-springs.
 Carriage-step protectors.
 Carriage-steps.
 Carriages, Top-blocks for
 Carriage-tops.
 Carriage-trimmings.
 Carriage-window frames.
 Carts.
 Chairs, Locomotive.
 Children's carriages.
 Children's hand-cars.
 Couplings, Thill
 Detaching horses from vehicles.
 Double-trees.

Dumping-carts.
 Dumping-wagons.
 Equalizing-bars.
 Fellies.
 Fellies, Attaching
 Fellies, Expanding
 Felly-clamps.
 Fifth-wheels.
 Hand-bárrows.
 Hand-bearers.
 Hand-trucks.
 Hanging carriage-bodies.
 Hay-loaders for wagons.
 Hay-racks for wagons.
 Hearses.
 Hold-backs for vehicles.
 Hose-carriages.
 Hubs, Carriage
 Ice-cars.
 Ice-chairs and carriages.
 Irons, Carriage
 Irons, Carriage-top
 Irons, Setting carriage
 Linch-pins.
 Litters.
 Loading wagons, Machinery for
 Lumber-wagons.
 Neck-yokes.
 Night-carts.
 Omnibusses.
 Ox-yokes, bows, and pins.
 Perches, Wagon
 Poles, Wagon
 Racks, Hay-wagon
 Rein-holders.
 Running-gear of vehicles.
 Safety-straps of vehicles.
 Sailing-carriages.
 Seats, Carriage
 Seats, Spring-wagon

Self-loading carts.
 Single-trees.
 Skains of axles.
 Sled-brakes.
 Sled-runners.
 Sleds.
 Sled-soles.
 Sleighs.
 Spokes.
 Spoke-sockets.
 Springs, Carriage
 Stretchers.
 Sulkies.
 Sulky-seats.
 Tail-boards for wagons.
 Thill-couplings.
 Thills.
 Thill-tugs.
 Tire-making. (*See Class 78.*)
 Tires, Securing
 Tires, Tightening
 Tire-upsetting. (*See Class 78.*)
 Tongues, Carriage and wagon
 Tops, Carriage
 Traces, Safety-attachment of

Trucks.
 Umbrella-supporters on carriages.
 Upsetting-machines. (*See Class 78.*)
 Vehicles.
 Velocipedes.
 Wagon-bolsters.
 Wagons.
 Wagons, Dumping
 Wagon-seats.
 Wagons, Unloading-attachment
 for
 Wagon-tongue supporters.
 Wheelbarrows.
 Wheels for vehicles.
 Wheel-spokes.
 Wheels to axles, Securing
 Wheelwright's wood working ma-
 chines. (*See Class 144.*)
 Wheelwright's wood-working
 tools. (*See Class 145.*)
 Whiffletrees.
 Whip-sockets.
 Yokes, Neck
 Yokes, Ox

CLASS 22.

CASTING.

Appliances, Machines, Modes, and Tools of the Foundry.

Bell-founding.	Facing molds, Machines for
Black-washing molds, Apparatus for	Flask-clamps.
Brass-founding.	Flasks, Molders'
Britannia-ware, Casting processes for	Foundry, Appliances of the
Bullet-casting.	Ladles for molten metal.
Casting metals, Appliances for	Match-plates.
Casting metals, Modes of	Molders' flasks.
Casting metal on metal.	Molders' tables.
Casting metal under pressure.	Mold-facing.
Casting soft metals.	Molding pipe, Machines for
Castings, Tumbling-boxes for	Molds for casting metals
Chills.	Pattern-lifters for molders.
Clamps for molds.	Pewter-ware, Casting processes for
Cleaning castings.	Projectiles, Casting
Compression-casting.	Shooting machines.
Core-boxes.	Shot making, Cast
Cores.	Sprue-patterns.
Cores, Ventilating	Sprues.
Crucibles for metal. (<i>See Class 25.</i>)	Tables for molders.
Facing compositions.	Tumblers for small castings.
	Tumbling-boxes.
	Ventilating-cores.

CLASS 23.

CHEMICAL MISCELLANEOUS.

Chemical Apparatus, Processes, and Compositions, not elsewhere specifically assigned, as noted below.

- Acids, Apparatus for making, (*except Stills, Class 124.*)
 Acids, Processes for making
 Air-proofing processes. (*See Class 91.*)
 Anæsthetic refrigerators. (*See Class 62.*)
 Animal and vegetable fiber, Separating
 Antiseptics.
 Atomizers. (*See Class 62.*)
 Beer and Wine. (*See Class 7.*)
 Beverages, (*except Aerated, Class 1; Fermented, Class 7.*)
 Billiard Balls, Compositions for
 Bitters, Tonic
 Blasting compounds. (*See Class 52.*)
 Bleaching. (*See Class 8.*)
 Bread-raising compounds.
 Brewing. (*See Class 7.*)
 Calico printing. (*See Class 8.*)
 Candles. (*See Class 87.*)
 Caoutchouc. (*See Class 18.*)
 Capsules, Medicinal
 Carbureters. (*See Class 48.*)
 Chemical apparatus.
 Chemical furnaces.
 Chemicals, Preparing
 Corpse-embalming.
 Cosmetics.
 Dentifrices.
 Deodorizers.
 Depilatories.
 Detergents.
 Disinfecting apparatus, (*except Atomizers, Class 62.*)
 Distillation. (*See Class 123.*)
 Dolls, Composition for
 Drugs.
 Dyeing. (*See Class 8.*)
 Embalming compositions.
 Embalming processes.
 Fats, Treatment of. (*See Class 87.*)
 Fertilizers. (*See Class 71.*)
 Fire annihilators. (*See Class 1.*)
 Fire-proofing compounds. (*See Class 91.*)
 Fire-proofing processes. (*See Class 91.*)
 Fire-proofing wood, fabrics, &c.
 Fish-oil, Treatment of. (*See Class 87.*)
 Fluids, Writing
 Food, Preservation of. (*See Class 99.*)
 Foot-rot curatives.
 Fuel. (*See Class 44.*)
 Furnaces, Bone-black. (*See Class 127.*)
 Furnaces, Chemical
 Gas. (*See Class 48.*)
 Glue. (*See Class 87.*)
 Gunpowder. (*See Class 52.*)
 Hair-dyes.
 Hair-restoratives.
 Horn, Artificial.
 Ice. (*See Class 62.*)
 India rubber. (*See Class 18.*)
 Ink, Printing (*See Class 91.*)
 Ink, Writing
 Insect-destroying compounds.
 Ivory, Artificial
 Lamp wicks, Chemical treatment of
 Lard, Treatment of. (*See Class 87.*)
 Liniments.
 Malt liquors. (*See Class 7.*)
 Manures. (*See Class 71.*)
 Matches. (*See Class 52.*)
 Medical compounds.
 Medicines.
 Oils, fats, and glue. (*See Class 87.*)
 Oils, Refining. (*See Class 124.*)
 Ointments.
 Paint. (*See Class 91.*)
 Pastilles.
 Perfuming apparatus.
 Plasters, Adhesive
 Poultices, Compositions for
 Preserving food. (*See Class 99.*)
 Preserving timber.

- Pyroxyline.
Rectification of spirits. (*See Class 124.*)
Refining oils, &c. (*See Class 124.*)
Retorts, (*except Coal, Class 48.*)
Retort stands.
Salves.
Soap. (*See Class 87.*)
Stains, Composition for removing
Starch. (*See Class 8.*)
Stearine. (*See Class 87.*)
Still. (*See Class 124.*)
Sugar. (*See Class 127.*)
Sulphuric acid, Recovering. *See Class 124.*)
Tallow. (*See Class 87.*)
Tanning. (*See Class 129.*)
- Timber, Preservation of
Tobacco, Flavoring
Tooth-powder.
Vermin-destroying compounds.
Vinegar. (*See Class 7.*)
Washing compounds.
Water-proofing compounds. (*See Class 91.*)
Wax. (*See Class 87.*)
Wines, Treatment of. (*See Class 7.*)
Wood, Artificial
Wood, Preservation of
Wool, Compositions for treating
Writing ink.
Yeast and its substitutes.

CLASS 24.

CLASPS AND BUCKLES.

Small Metallic Attachments; Buckles, Buttons, Clasps, Eyelets, Hooks, Links, Rings, Studs, &c., and Implements and Machines for Attaching and Closing.

[For Manufacture of these Small Metallic Attachments, &c., see Class 53 in its several sections.]

Band punches.	Hooks.
Belt-punches.	Hooks, Mousing
Brequet-chain hooks.	Hooks, Snap
Buckles.	Hooks, Swivel
Button-hole punches.	Key-rings.
Button-hooks.	Lacing-hooks.
Button keys or fasteners.	Lap-rings.
Buttons of any material, (<i>except</i> <i>Turning, Class 142.</i>)	Leather-punches.
Buttons to cards, Securing	Mousing hooks.
Buttons to fabrics, Eyeleting	Neck-tie clasps.
Buttons to fabrics, Riveting	Open links.
Clasps.	Open rings.
Clasps for garments.	Ornaments, Small metallic
Clasps for skirts.	Paper-fasteners.
Clinch-rings.	Paper-punches.
Cock-eyes.	Pinking-punches.
Collar fastenings, Shirt	Punches, Leather, paper, and ticket
Conductors' punches.	Rings.
Cuff-buttons.	Self-fastening buttons.
Eyelet-punches.	Shoe-buttoners.
Eyeleting-machines.	Skirts, Clasps for
Eyeleting-stamps.	Sleeve-buttons.
Eyelet-presses.	Snap-hooks.
Eyelets.	Snap-rings.
Garment-fasteners.	Split-rings.
Glove-buttoners.	Spring-punches.
Glove-buttons.	Studs.
Glove-fasteners.	Swivel-hooks.
Glove-fastenings.	Ticket-punches.
Hook-buttons.	Wad-punches.
Hook-buttons, Implements for setting	Washer-punches.

CLASS 25.

CLAY.

Bricks, Clay-mills, Brick and Tile Machines and Presses, Ceramic Manufactures, Earthenware, Pottery, Crucibles, Glazes, Kilns.

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| <ul style="list-style-type: none"> Adobes. Biscuit (clay) ovens. (<i>See Class 34.</i>) Brick kilns. (<i>See Class 34.</i>) Brick-machines. Brick-molds. Brick-presses. Bricks. Bricks, Fire Cement-mixing machines. Cement-pipe, Machines for making Cement-pipes. Cement-pipes, Coating Ceramic-enamels. Ceramic manufactures. Chimney-pots. China-ware. Clay-mills. Clay-pipes. Clay-pulverizers. Clay-screening machines. Crucible molds. Crucibles. Draining-pipes. Draining tiles. Earthenware. Enameling culinary vessels. Enameling hardware. Enameling-ovens. (<i>See Class 34.</i>) Fire-back bricks. Fire-bricks. Fire-tiles. Flower-pots, (Clay.) Garden-pots. Garden tiles. Glazes for pottery, bricks, &c. Jars, Earthen | <ul style="list-style-type: none"> Kaolin, Purifying Kilns for bricks and ceramics. (<i>See Class 34.</i>) Malaxators. Mortar-machines. Mortar-mixers. Mills, Clay Mills, Pug Molds for bricks and ceramics. Mosaic-tiles. Ovens for biscuit, (Clay.) (<i>See Class 34.</i>) Ovens for enameling pottery, &c. (<i>See Class 34.</i>) Paving-tiles. Pipes, Clay Pipes, Compositions for making Pipes, Draining Porcelain materials and manufacture. Pottery materials and manufacture. Presses, Brick Pug-mills. Roofing-tiles. Sarcophagi, Clay Stone-ware. Terra cotta. Tile-machines. Tiles, Drain Tiles, Fire Tiles, Floor Tiles, Garden Tiles, Mosaic Tiles, Paving Tiles, Roofing Tools for molding clay. |
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CLASS 26.

CLOTH.

Dressing and Finishing of Woven Fabrics.

Beaming cloth.	Finishing cloth.
Calendering cloth.	Gig-mills.
Carpet-rag cutter.	Hair cloth, Machines for trimming
Cloth-cutting machines.	Ironing cloth.
Cloth-dressing.	Measuring cloth, Machines for
Cloth-drying.	Milling cloth.
Cloth-finishing.	Mills, Gig
Cloth-folding.	Napping-machines for cloth.
Cloth gassing.	Packaging fabrics.
Cloth-ironing.	Pressing cloth.
Cloth-measuring.	Rag carpet, Cutting cloth for
Cloth-napping.	Scouring cloth.
Cloth-pressing. (<i>See Class 100.</i>)	Shearing cloth.
Cloth-shearing.	Singeing cloth.
Cloth-sponging.	Sponging cloth.
Cloth-steaming.	Steaming cloth.
Cloth-stretching.	Stretching cloth.
Cloth-teazeling.	Teazel grading machines.
Cloth-tentering.	Teazeling cloth.
Dressing cloth.	Tenter-bars for cloth.
Evening cloth.	Whipping cloth.

CLASS 27.

COFFINS.

Antiseptics. (*See Class 23.*)
Burial-cases, Compositions for
making
Burial-caskets.
Caskets, Burial
Coffin-handles. (*See Class 16.*)
Coffin-hardware. (*See Class 16.*)
Coffins.
Coffins, Compositions for covering

Coffins, Compositions for making
Coffin-screws.
Corpse-coolers. (*See Class 62.*)
Embalming-compositions. (*See
Class 23.*)
Embalming-processes. (*See Class
23.*)
Sarcophagi clay. (*See Class 25.*)

CLASS 28.

CORDAGE.

Braid, Cord, Rope, Thread, Twine, and Yarn.

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| <p>Assorting yarns and threads.
 Balling cord and twine.
 Balling yarns and threads.
 Banding-machines.
 Bindings for carpet, &c.
 Bobbins.
 Braid.
 Braid-holders.
 Braiding cords.
 Braiding-machine carriers.
 Braiding-machines.
 Braiding tapes.
 Braiding whips.
 Bundling-presses. (<i>See Class 100.</i>)
 Cordage.
 Corded binding, Machine for making
 Cords.
 Dress cord.
 Dressing yarn, warp, thread, &c.
 Drying yarn.
 Fishing-lines.
 Folding or tying yarn, (<i>except Bundling Presses, Class 100.</i>)
 Fringe.
 Fringe-making machines.
 Fringe-twisters.
 Fuse-making machines.
 Gassing yarns, threads, &c.
 Gimp-machines.
 Hawsers.
 Laying rope.
 Laying-top for cordage-machines.
 Loop-banding machines.
 Measuring yarns, threads, &c.
 Ornamental yarns.
 Packaging yarns, threads, etc., (<i>except Bundling Presses, Class 100.</i>)
 Paper-twine machines.</p> | <p>Parceling rope.
 Picking rope.
 Polishing yarns, threads, &c.
 Quilling yarn.
 Quills, Yarn and silk
 Quill thread fastener.
 Reels for winding yarns and thread.
 Rope coiling.
 Rope-making machines.
 Scraping and dressing cord.
 Serving rope.
 Sizing yarn, thread, &c.
 Slashers.
 Spooling-machines.
 Spools.
 Tassels.
 Thread assorting, balling, dressing, gassing, measuring, packaging, polishing, reeling, sizing, spooling, tying, winding.
 Twine-machines.
 Tying yarn.
 Untwisting rope, Machines for
 Warp-dressing.
 Warping-machines.
 Welting cord.
 Winding-bobbins.
 Winding cord, cordage, fishing-lines, rope, thread, warp, yarn.
 Winding-spools.
 Wire, Braided thread-covering
 Worming rope.
 Yarn assorting, balling, dressing, drying, folding, gassing, measuring, packaging, polishing, reeling, sizing, spooling, tying, winding.
 Yarn-hooks.</p> |
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CLASS 29.

CRINOLINE AND CORSETS.

Hoop-skirts, Corsets.

Bosom-expanders.	Hoop-skirt formers.
Breast-pads.	Hoop-skirts.
Busks.	Hoop-skirts, Machines for making
Bustles.	Panniers.
Corset-clasps.	Skirts and corsets combined.
Corset-fastenings.	Skirts, Hoop
Corsets.	Skirts, Covered wire for hoop
Crinoline.	Spangles to skirts, Attaching
Hoops for skirts.	Tapes for skirts.
Hoops for skirts, Coating or covering.	Tournures.
	Wire for hoops of skirts.

CLASS 30.

CUTLERY.

Knives, Scissors, and Shears.

[*Except Machine Shears, Class 79.*][*For Manufacture of Cutlery, see Class 53, Section A.*]

Bench-shears.	Knives, Pocket
Bill-hooks.	Knives, Pruning
Bistouries.	Knives, Shoe
Cane-knives.	Lampwick scissors.
Can-openers.	Lancets.
Corn-knives.	Machetes.
Forks, Culinary	Pikes.
Forks, Flesh	Pruning-knives.
Forks, Table	Pruning-shears.
Fruit-knives.	Razors.
Hay-knives.	Scalpels.
Knives.	Scissors.
Knives, Amputating	Shears.
Knives and forks combined.	Shears, Bench
Knives and spoons combined.	Shears, Button-hole
Knives, Attaching handles to	Shears, Cattle-marking
Knives, Bread	Shears, Clipping
Knives, Budding	Shears, Edging
Knives, Butcher	Shears, Garden
Knives, Cane	Shears, Grass-edging
Knives, Carving	Shears, Hair-clipping
Knives, Corn	Shears, Hand
Knives, Carriers'	Shears, Hedging
Knives, Dirk	Shears, Lopping
Knives for cutting corn from the cob.	Shears, Pruning
Knives, Fruit	Shears, Sheep
Knives, Grafting	Shears, Sheet-metal
Knives, Handles for	Shears, Tailors'
Knives, Hay	Shears, Tinmen's
Knives, Hoof-paring	Sheep-shears.
Knives, Machete	Table-forks.
Knives, Meat	Table-knives.
Knives, Oyster	Tinmen's Shears.
	Twine-cutters.

CLASS 31.

DAIRY.

Machines and Appliances for Milking; Butter and Cheese Making.

Butter-molds.
 Butter-stampers.
 Butter-workers,
 Cheese-hoops.
 Cheese-making.
 Cheese-presses. (*See Class 100.*)
 Cheese-shelves.
 Cheese-tables.
 Cheese-turners.
 Cheese-vats.
 Churn-dashers.
 Churns.
 Cow-milkers.
 Cream-heaters.
 Cream-stands.
 Cream-strainers.
 Curd-cutters.

Dairies.
 Dairy implements.
 Milk-cans.
 Milk-carriers.
 Milk-closets.
 Milk-coolers. (*See Class 62.*)
 Milkers, Cow
 Milk-houses.
 Milking-stools.
 Milk-pails.
 Milk-pans.
 Milk-safes.
 Milk-shelves.
 Milk-strainers.
 Milk-testers, (*except Lactometers,*
Class 73.)
 Strainers, Milk

CLASS 32.

DENTAL.

Dental Instruments, Supplies, and Processes.

Artificial gums.	Gold-leaf condensers.
Artificial palates.	Gums, Artificial
Artificial teeth.	Keys, Dental
Articulators for fitting dentures.	Mallets, Dental
Casting dental plates.	Molds, Dental
Dental-compositions.	Nitrous oxide, Apparatus for administering. (<i>See Class 128.</i>)
Dental-drills.	Palates, Artificial
Dental-fillings.	Plates for artificial teeth.
Dental-forceps.	Saliva-removers.
Dental-instruments.	Springs for artificial teeth.
Dental-mallets.	Swages, Dentists'
Dental-plates.	Teeth, Artificial
Dental-plates, Casting	Teeth, Artificial, Compositions for
Dentures.	Vulcanizing-flasks for dentists' uses.
Dies for dentists.	
Drills, Dental	
Forceps, Dental	

CLASS 33.

DRAFTING.

Drafting, Plotting, and Mathematical Instruments.

Bow pencils and pens.	Pantographs.
Calipers.	Parallel rulers.
Compasses, Drafting	Pens, Ruling
Copying-instruments.	Perspective apparatus.
Dividers, Measuring	Planning-instruments.
Drafting-instruments.	Plotting-instruments.
Drafting-scales.	Protractors.
Ellipsographs.	Roulettes.
Geometrical constructors.	Rulers, Parallel
Graduated rules.	Ruling-pens.
Map projectors.	Scales, Drafting
Mathematical instruments.	Spirals, Instruments for drawing
Mathematical scales.	Trammels.

CLASS 34.

DRYERS AND KILNS.

Apparatus and Machines for Drying.

[*Except Clothes-dryers . . . Class 68.**Paper-dryers . . . Class 92.*]

Bagasse-dryers.	Fuel-dryers.
Barrel-dryers.	Glue-dryers.
Barrel-fumigators.	Grain-dryers.
Barrel-heaters.	Hop-kilns.
Biscuit (clay) ovens.	Kilns, Brick
Brick-kilns.	Kilns, Charcoal
Carbonizing wood, Furnaces and kilns for	Kilns for drying grain, peat, &c.
Card-board dryers.	Kilns, Hop
Charcoal-kilns.	Kilns, Lime
Cigar dryers.	Kilns, Malt
Cloth-dryers. (<i>See Class 26.</i>)	Kilns, Pottery
Coal-dryers.	Lime-kilns.
Coke-ovens.	Lumber-dryers.
Dessicating grain, food, farina, &c.	Malt-kilns.
Drying apparatus, (<i>except Clothes,</i> <i>Class 68 ; Paper, Class 92.</i>)	Meat-dryers.
Drying-houses.	Oasts.
Drying-kilns.	Offal-dryers.
Enameling-ovens.	Ovens, Coke
Feather-renovators.	Ovens for biscuit, (Clay)
Fertilizer-dryers.	Ovens for enameling.
Fish-curing and drying.	Ovens for pottery.
Fish-flakes.	Peat-dryers.
Flour-dryers.	Smoke-houses.
Fruit-dryers.	Smoking meat and fish.
	Tobacco-dryers.
	Wool-dryers.

CLASS 35.

EDUCATIONAL.

Devices for Teaching Reading, Writing, Arithmetic, Astronomy, Geography, Penmanship, &c.

Alphabet-blocks.	Maps, Dissected
Astronomical charts.	Maps, Outline
Astronomical lanterns.	Numeral-frames.
Blackboard-rubbers.	Object-teaching, Devices for
Blackboards.	Orreries.
Blackboards, Compositions for	Penmanship, Appliances for
Blind, Writing apparatus for the	teaching
Chart-holders.	Planetariums.
Charts.	Planispheres.
Copy-books.	School charts and maps.
Dissected maps.	Slate-cleaners.
Educational devices.	Slate-frames.
Frames, Numeral	Slate-pencils.
Globes, Astronomical	Slates.
Globes, Geographical	Slates, Artificial
Map-holders.	Tellurians.
Maps.	Writing apparatus for the blind.

CLASS 36.

ELECTRICITY.

Batteries, Instruments; Applications of Electricity, Galvanism, and Magnetism; Electric Telegraphs.

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| <p>Alarms, Electro-magnetic
Alarms, Telegraphic
Anti-incrustators, Galvanic
Anti-incrustators, Magnetic
Armatures.
Arresters.
Astatic needles.
Astronomical instruments, Electro-magnetic
Baths, Electro-voltaic
Batteries, Voltaic
Batteries, Thermo-electric
Buoys, Electrical
Cables, Submarine telegraph
Cables, Telegraph
Calendars, Electrical
Car-brakes, Electrical
Car-starters, Electrical
Chronographs, Electro-magnetic
Chronoscopes, Electro-magnetic
Circuit-breakers.
Circuit-closers.
Clocks, Electrical
Commutators.
Compasses, Mariners'.
Compasses, Surveyors'. (<i>See Class 88.</i>)
Condensers.
Conductors, Electro-telegraphic
Connectors for Voltaic batteries.
Current-regulators.
Electrical apparatus.
Electrical balances.
Electrical machines.
Electric fuses.
Electric lights.
Electrizing blood, Instruments for
Electrodes.
Electro-magnetic apparatus.
Electro-magnetic engines.
Electro-magnetic machines.
Electro-magnetic meteorological instruments.
Electro-magnets.
Electrometers.
Electronomes.</p> | <p>Electrophorus.
Electro-plating, Baths and batteries for
Electrotyping, Baths and batteries for
Engraving, Electric apparatus for
Escapements, Electrical
Fire-alarm telegraphs.
Fire-alarm telegraphs, Signal-boxes for
Galvanic appliances.
Galvanic attachments.
Galvanometers.
Galvanoscopes.
Gas-engines, Electrical apparatus for
Heaters, Electrical
Helices, Electrical
Hones, Magnetic
Hydro-electric machines.
Induction apparatus.
Insulated wire.
Insulators.
Iron filings, Separators for
Key-boards, Telegraphic
Keys, Telegraphic
Lamps, Electric
Lights, Electric
Lighting gas by electricity.
Lightning-arresters.
Lightning-protectors.
Lightning-rods.
Line-wires.
Line-wires, Covering
Line-wires, Insulating
Line-wires, Protecting
Line-wires, Supporting
Line-wires, Underground
Logs, Electrical
Looms, Electrical
Magnetic apparatus.
Magnetic needles.
Magneto-electric machines.
Magnets.
Magnets, Receiving
Magnets, Sounding</p> |
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| <ul style="list-style-type: none"> Manipulators Mariners' compasses. Medical-electric apparatus. Meteorometers, Telegraphic Meters, Electrical Musical instruments, Electric at-
tachments to Pendulums, Electrical Pens, Galvanic Railway-signals, Electrical Railway-switches, Electrical Railway-telegraphs, Electrical Reels, Telegraph Registers, Telegraph Relays. Repeaters. Resistance-boxes. Resistance-coils. Rheometers. Rheotomes. Rheotropes. Rheostats. Ruling-apparatus, Electrical Semaphores, Electrical Signal-boxes for electric tele-
graphs. Signals, Electrical | <ul style="list-style-type: none"> Sorting apparatus, Electrical Sounders. Storm-signals, Electrical Surveyors' compasses. (<i>See Class</i>
<i>88.</i>) Switch-boards. Switches, Electrical Telegraphic codes. Telegraphic signals. Telegraph instruments. Telegraphs, Electric Telegraphs, Electro-chemical Telegraphs, Electro-magnetic Telegraphs, Magneto-electric Telegraphs, Printing. Telegraphs, Submarine Telephones. Time-balls, Electrical Voltaic apparatus. Voltaic baths. Voltaic batteries. Voltaic instruments. Voltameters. Watch-clocks, Electrical Weighing apparatus, Electrical Whaling apparatus, Electrical Whistles, Electrical |
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CLASS 37.

EXCAVATING.

Earth Excavating, Grading, and Boring.

Artesian wells.	Post hole borers.
Augers for earth-boring.	Railroad earthworks.
Bog cutters.	Railroad excavating.
Boring, Earth	Road-making.
Curbs for wells.	Road-scrappers.
Ditching machines.	Sand-pumps.
Dredging-machines.	Scrapers, Earth
Driven-wells.	Scrapers, Grading
Dumping-buckets.	Submarine excavators.
Earth-boring.	Trenches.
Earth-removing machines.	Well-boring, (<i>except Rock, Class</i>
Earth-works .	125.)
Excavators.	Well-digging.
Grading.	Wells, Artesian
Grading-scrappers.	Wells, Driven
Inclined planes.	Well-tubing.

CLASS 38.

FELTING AND HATS.

Materials, Apparatus, Machines, and Processes for Felting Wool and Hair; including the manufacture of Hats, Caps, and other Head-coverings.

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| <ul style="list-style-type: none"> Bats, Forming Blocks for hats and bonnets. Blowing fur. Bonnet caps. Bonnet clasps. Bonnet frames. Bonnet fronts. Bonnet-ironing machines. Bonnet-presses. Bonnets. Bonnet-shaping machines. Caps. Cloth, Felt Conformators. Cork hats. Curling hat-brims. Cutting flock. Cutting fur. Dies for pressing hats. Embossing hats. Felt. Felted fabrics. Felt hats. Felting cloth. Felting hats. Felting, Materials for Felting yarn. Flock-grinding. Flocking fabrics. Flocking hats. Forming bats. Fulling. Fulling mills. Fur-blowing. Fur-cutting. Fur from pelts, Cutting Fur hats. Fur-picking. Fur, Treating Grinding flock. Hair from fur, Separating Hair from skins, Pulling Hair from skins, Separating Hardening-machines for hats. Hat-bodies. | <ul style="list-style-type: none"> Hat-bodies, Forming Hat-bodies, -Hardening Hat-bodies, Napping Hat-blocking machines. Hat-blocks. Hat-brushing machines. Hat-conformators. Hat-finishing. Hat-frames. Hat-ironing machines. Hat-lining. Hat-measures. Hat-napping. Hat-planking. Hat-pressing. Hat-protectors. Hats. Hat-shaping machines. Hat-shrinking machines. Hat-sizing machines. Hat-stiffening compositions. Hat-stiffening machines. Hat-stretching machines. Hat supporters. Hatters' kettles. Hat tips. Hat ventilators. Head coverings. Head-dresses. Hoods, Ladies' Horse-hair hats. Jacks for hats, Rounding Leather hats. Napping-machines, Hat Nets, Ladies' head- Nubias. Palm-leaf hats. Paper hats. (<i>See Class 93.</i>) Picking fur. Planking hats. Pouncing hats. Size-markers for hats. Spring-brim hats. Sweat-leathers for hats. Ventilators, Hat |
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CLASS 39.

FENCES.

Fences, Gates, Posts, Post-hole Diggers.

Fence-posts.
Fences.
Fences, Flood
Fences, Portable
Fences, Wire
Flood-fences.
Gate-posts.
Gates.

Hop-pole extractors.
Picket-fences.
Post-drivers.
Post-hole diggers and borers.
(*See Class 37.*)
Post-pullers.
Wire-fences.
Wire-stretchers for fences.

CLASS 40.

FILES.

Files, Rasps, and Machines for making.

File blanks.
File chisels.
File cutters.
File-cutting machines.
File hammers.
Files.

Files, Machines for making
Files, Redressing
Files, Sharpening
Filing-machines. (*See Class 51.*)
Rasps.
Rasps, Machines for making

CLASS 41.

FINE ARTS.

Sculpture, Carving, Painting, Engraving, Lithography, and allied arts; Stenciling, Ornamentation, Decoration, Die-sinking, Artists' Appliances.

Aquariums.
 Artificial flowers.
 Artists' appliances (*except Brushes, Class 15.*)
 Bank-notes.
 Bronzing-machines.
 Buhl work.
 Canvas-stretchers.
 Card-mounts.
 Casts, Instruments for obtaining
 Casts, Processes for obtaining
 Copying figures.
 Crayons.
 Decorative gilding.
 Decorative painting.
 Die-sinking.
 Draftsman's tools and appliances.
 (*See Class 33.*)
 Drawing boards.
 Easels.
 Enameling on metal.
 Enchasing.
 Engravers' clutches.
 Engravers' tools.
 Engravers' vises.
 Engraving, Copper-plate
 Engraving-machines.
 Engraving pantographs.
 Engraving processes.
 Engraving, Steel-plate
 Engraving, Wood
 Etching.
 Flowers, Artificial
 Flowers, Preserving
 Frames, Picture
 Gilding, Leaf
 Graining-tools and appliances.
 Gravers.

Herbariums.
 Inlaying.
 Japanning. (*See Class 91.*)
 Likenesses, Mounting
 Lithographic printing.
 Lithography.
 Marquetry.
 Medals.
 Monuments.
 Mosaic.
 Ornamentation.
 Painting, Decorative
 Painting on glass.
 Paper-hanging appliances.
 Parquetry.
 Photographic card-mounts.
 Picture-cases.
 Picture-frames.
 Picture-mounting.
 Plate-engraving.
 Postage-stamps.
 Posting bills and placards.
 Revenue-stamps.
 Staining glass, wood, etc.
 Stamps, Postage
 Stamps, Revenue
 Stencil-plates.
 Stereoscopic picture-holders.
 Stretchers for pictures.
 Theatrical scenery and effects.
 Tombstones.
 Transfer, Methods of pictorial
 Vitreography.
 Wall-covering, Ornamental
 Wall-paper hanging.
 Wood-engraving.
 Zincography.

CLASS 42.

FIRE-ARMS.

[*Excepting Ordnance and Projectiles of all kinds.*]

[*For Manufacture of Arms, see Class 53, Section A.*]

Air-guns. (<i>See Class 98.</i>)	Hammers, Safety-guards for gun
Armor, Personal	Locks for fire-arms.
Ball-screws for fire-arms.	Magazine small-arms.
Barrels to stocks, Attaching	Needle-guns.
Bayonet attachments.	Nipple-guards for fire-arms.
Bayonets.	Nipples of fire-arms.
Breech-loading small-arms.	Pistols.
Cane-guns.	Pistol-swords.
Cartridge-loaders.	Rammers for small arms.
Cartridge-shell retractors.	Ramrods.
Coupling pistols to gun-stocks.	Repeating fire-arms.
Fire-arms.	Revolving fire-arms.
Fire-arms, Converting	Rifles.
Fire-arms, Safety-guards for	Rifling small-arms.
Guards for locks of fire-arms.	Saber-bayonets.
Guards for triggers of fire-arms.	Safety-guards for gun-hammers.
Gun-covers.	Scrapers for fire-arms.
Gun-hammers.	Self-loading fire-arms.
Gun-locks.	Sights for small-arms.
Gun-scrapers.	Small-arms.
Gun-stocks.	Spade-bayonets.
Gun-wipers.	Stocks for fire-arms.
Gun-worms.	Worms for fire-arms.
Hammers, Gun	

CLASS 43.

FISHING.

Dredges, Oyster	Fish-traps.
Eel traps.	Fishways.
Fish-decoys.	Harpoons.
Fish-hooks.	Nets, Fishing
Fishing.	Oyster culture.
Fishing-floats.	Oyster-dredging
Fishing-line reels.	Oyster-rakes.
Fishing-lines. (<i>See Class 28.</i>)	Oyster-tongs.
Fishing-line sinkers.	Pisciculture.
Fishing-line swivels.	Rakes, Oyster
Fishing-nets.	Reels, Fishing-line
Fishing-rods.	Tongs, Oyster
Fishing-seines.	Traps, Fish
Fish-spears.	Trolling devices.

CLASS 44.

FUEL.

Artificial Fuel; Treatment of Peat and Coal; Kindling Composts.

Coal, Purification of
Composts for fuel.
Fire-kindling compounds.
Fuel, Artificial
Fuel assorter.

Kindling materials.
Kindling packages.
Peat-machines.
Peat for fuel, Treatment of
Peat-presses. (*See Class 100.*)

CLASS 45.

FURNITURE.

Household Furniture, Upholstery, Window-shades, Mirrors.

[*Except Beds and Bedding Class 5.*

Kitchen Utensils Class 65.

Stoves and Stove-fittings . . Class 126.]

[*For Machines and Tools for Making Furniture, see Wood-working, Classes 142-145; for Manufacture of Furniture Hardware, see Class 53, Section D.]*

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| <ul style="list-style-type: none"> Baby-jumpers. Basin clamps. Blacking-boxes. Blacking-box holders. Book-cases. Book-shelves. Boot-jacks. Boot-racks. Bracket-shelves. Broom-hangers. Brush-racks. Bureaus. Cabinets. Camp-kits. Camp-stools. Carpet-cleaners. Carpet-fasteners. Carpet-stretchers. Chair-bottoms. Chairs. Chairs and seats, Head-rests for Chairs, Barbers' Chairs, Camp Chairs, Dentists' Chairs, Enema Chairs, Folding Chairs, Invalid Chairs, Nursery Chairs, Obstetrical Chairs, Operating Chairs, Pew Cigar-racks. Cloak-stands. Closets, Portable Closets, Revolving Counters, Store and shop Curtain-fixtures. Curtains. Cuspadores. | <ul style="list-style-type: none"> Desk-covers. Desks. Drapery-fasteners. Drawers for closets. Drawers for furniture. Drawing-tables. Dust-pans. Dust receptacles. Fastenings, Upholstery Fenders, Furniture Fire-screens. Fly-traps. Foot-stools. Frames, Hanging picture Furniture, Feet for legs of Furniture pads. Furniture springs. Hand-mirrors. Hanging looking-glasses. Hanging picture-frames. Hanging-shelves. Hat and coat racks. Head-rests. Insect-traps, Household Lambrequins. Looking-glasses. Looking-glasses, Hanging Market-stalls. Mirrors. Mirrors for windows. Music-stands. Nursery-gates. Oil-cloth cutters. Ottomans. Packing furniture. Pew fittings. Piano-movers. Piano-stools. Picture-hangers. |
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Pier-glasses.
 Portfolio-stands.
 Racks, Boot, hat, and brush
 Railway-car spittoons.
 Reading-desks.
 Sample-frames.
 Seats, Garden
 Seats, School
 School furniture.
 Screens, Fire
 Settees.
 Shelf-brackets.
 Shelves, Folding
 Show-cases.
 Show-stands.
 Shelving for stores, etc.
 Soap-holders.
 Sofas.
 Spittoon-envelopes.
 Spittoons, Railway-car
 Spittoons.
 Springs for sofas, chairs, &c.
 Stair-covers.
 Stair-pails.
 Stair-plates.
 Stair-rods.
 Stands, Hat and cloak
 Stands, Towel
 Stands, Umbrella
 Stools.

Stools, Camp
 Stools, Folding
 Stools, Foot
 Stools, Piano
 Store shelving.
 Table-covers.
 Table-leaf supporters.
 Tables.
 Tables, Card
 Tables, Drawing
 Tables, Extension
 Tables, Ironing
 Tables, Operating
 Tables, Self-waiting
 Tables, Writing
 Toilet-mirrors.
 Towel-racks.
 Towel-stands.
 Traps, Household insect
 Twine-holders.
 Upholstery.
 Wall-protectors.
 Wall-shields.
 Wardrobes.
 Window-blinds, Movable
 Window-mirrors.
 Window shades.
 Window-washers.
 Writing-tables.

CLASS 46.

GAMES AND TOYS.

Games, Gymnastic and Exercising Apparatus, Traps, and Nets.

Alphabet-blocks.	Fishing. (<i>See Class 43.</i>)
Animal-traps.	Game boards.
Archery.	Game-bags.
Automata.	Games.
Base-balls.	Gymnastic apparatus.
Batons.	Hobby-horses.
Bats for balls.	Mallets, Croquet
Bells, Dumb	Masks.
Billiard-balls.	Nets, Bird
Billiard chalk-cups.	Philosophical toys.
Billiard-cue tips.	Playing-cards.
Billiard-cues.	Police batons.
Billiard-markers.	Pulleys, Calisthenic
Billiard-table chalk-holders.	Puzzles.
Billiard-table pockets.	Reading-cards.
Billiard-tables.	Rocking-horses.
Cards, Playing	Skate-fasteners.
Cards, Reading	Skates.
Checker-boards.	Skates, Parlor
Chess.	Skates, Roller
Children's toys.	Stage properties.
Clubs, Exercising.	Stilts.
Croquet.	Swimming, Appliances for
Croquet-mallets, etc.	Swings.
Dancing figures.	Targets.
Dice.	Tops, Spinning
Dice-throwers.	Toy-blocks.
Dolls.	Toys.
Dumb-bells.	Traps, Animal
Exercising devices.	Traps, Bird

CLASS 47.

GARDEN AND ORCHARD.

Tools (not machines) for Digging, Cultivating, and Preparing the Soil, Planting, Transplanting, Weeding, Protecting, Potting, and Forcing Plants; Orchard-culture, Destroying Insects, Gathering Fruit, Sorghum-strippers, and Maple-sap gathering.

[*Except Pruning Knives, Shears, etc. ; see CUTLERY, Class 30.*]

[*For Manufacture of Husbandry Tools, see Class 81, Section B.*]

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| Bird-houses. | Hay-forks. |
| Bouquet-holders. | Hay-rakes, Hand |
| Boxes for plants. | Hedge-benders. |
| Budding knives. (<i>See Class 80.</i>) | Hedge-fasteners. |
| Cane-mills. (<i>See Class 83.</i>) | Hedge-planters. |
| Cranberry-gatherers. | Hedge-setters. |
| Curculio-traps. | Hoes. |
| Diggers, Hand | Hop-frames. |
| Diggers, Thistle | Hop-strippers. |
| Digging forks. | Hot-bed frames. |
| Ditching spades and scoops. | Hot-houses. |
| Earth-worm traps. | Insect-destroyers. |
| Edging-irons. | Insect-fumigators. |
| Flower-boxes. | Insect-lamps. |
| Flower-pots. | Insect-traps. |
| Flower-stands. | Layering. |
| Forcing-pits. | Line reel, Gardeners' |
| Forks, Digging | Lopping-shears. (<i>See Class 30.</i>) |
| Forks, Hand hay- | Maple-sugar buckets. |
| Forks, Manure | Maple-sugar buckets. |
| Frames for plants. | Manure-forks. |
| Fruit-assorters. | Manure-hooks. |
| Fruit-frames. | Mattocks. |
| Fruit-gatherers. | Osier-cutting. |
| Fruit-ripeners. | Picks. |
| Fruit-separators. | Pitchforks. |
| Fumigators for insects. | Plant-boxes. |
| Gardeners' basket-supports. | Plant-frames. |
| Garden-hoes. | Planting-tools. |
| Garden implements, (<i>except Shears,</i> | Potato-forks. |
| <i>Class 30.</i>) | Potato-hooks. |
| Garden-forks. | Potato-planters. |
| Grafting-knives. (<i>See Class 30.</i>) | Potato-scoops. |
| Grafting-machines. | Powder-blowers. |
| Grape-trellises. | Propagating-boxes. |
| Grape-vine protectors. | Propagating by cuttings. |
| Grass-burners. | Protectors, Plant and shrub |
| Green-houses. | Protectors, Tree |
| Grubbing-hoes. | Pruning knives and shears (<i>See</i> |
| Hanging-baskets. | <i>Class 30.</i>) |

Pruning-saws. (<i>See Class 110.</i>)	Traps, Curculio
Rakes, Garden	Traps, Earth-worm
Rakes, Hand hay	Tree-boxes.
Sap-bucket hooks.	Tree-diggers.
Sap-conducters.	Tree-dwarfers.
Sap-spiles.	Tree-planter.
Sap-troughs.	Tree-protectors.
Scrapers, Tree	Tree-training.
Scuffle-hoes.	Trellises.
Shears for lopping and pruning. (<i>See Class 30.</i>)	Trellises, Grape
Shovels.	Trellises, Hop
Sorghum-strippers.	Trowels, Garden
Spades.	Turf-cutters.
Sprouting-beds for plants.	Turnip-toppers.
Spuds.	Vegetable assorters.
Teazel-trimmers.	Vine locks.
Tobacco-curing.	Vine-supports.
Transplanting-machines.	Vine trellises.
Transplanting-tools.	Weeding-implements.
	Weed-pullers.

CLASS 48.

GAS.

Manufacture of Gas. Carburetors.

Air-carbureting machines.
Carburetors for air or gas.
Gas-carburetors.
Gases, Methods and processes for
obtaining
Gas-making apparatus.
Gas manufacture.
Gas-purifiers.
Gas-retorts.

Hydraulic mains.
Nitrous-oxide, Apparatus for
making
Oxygen, Processes and apparatus
for obtaining
Ozone, Apparatus for obtaining
Purifiers, Gas
Retorts for gas-making.

CLASS 49.

GLASS.

Compositions, Tools, and Appliances for Glass Manufacture, Modes of Manufacturing Articles of Glass.

[For Manufacture of Glass-makers' Tools, see Class 81, Section B.]

[Excepting Glass Cutting, Grinding, and Polishing, Class 51.]

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| <p>Annealing glass.
 Artificial gems.
 Beads, Glass
 Blowing-apparatus for glass-making. (See Class 98.)
 Bottle-holders for glass-making.
 Bottle-making, Glass
 Button-making, Glass
 Carboys.
 Casting glass.
 Chairs for glass-makers.
 Crown glass.
 Cutting glass. (See Class 51.)
 Cutting jewels. (See Class 51.)
 Cylinder glass.
 Diamonds, Glaziers'
 Embossing glass.
 Enamels, Vitreous
 Filigree glass.
 Fluxing sand for glass.
 Frit.
 Frit-furnaces.
 Frosting glass. (See Class 51.)
 Furnaces, Glass
 Gems, Artificial
 Glass-blowing.
 Glass-cementing.
 Glass, Compositions for
 Glass-cutting. (See Class 51.)
 Glass furnaces.
 Glass-house pots.
 Glass houses.
 Glass molding.
 Glass pots.
 Glass pressing.
 Glaziers' diamonds.
 Glaziers' diamonds, Setting</p> | <p>Grinding glass. (See Class 51.)
 Incrustation of glass.
 Jewels, Cutting (See Class 51.)
 Kilns for glass.
 Ladling glass.
 Lapidary work. (See Class 51.)
 Leers.
 Lenses, Grinding (See Class 51.)
 Lenses, Polishing (See Class 51.)
 Melting glass.
 Molding glass.
 Molds for glass.
 Molds, Composition for glass-
 Ornamenting glass.
 Packing glass.
 Plate glass.
 Platening glass.
 Polishing glass. (See Class 51.)
 Pontils.
 Pots, Glass
 Pressing glass.
 Puttying machines for sash.
 Retorts for glass.
 Rods for gathering glass.
 Rolling glass.
 Roughening glass. (See Class 51.)
 Scalloping glass.
 Scouring glass. (See Class 51.)
 Setting glaziers' diamonds.
 Sheet glass.
 Smelting glass.
 Spinning glass.
 Tables for glass-manufacture.
 Tempering glass.
 Tools for glass-manufacture.
 Vitreous enamels.
 Window glass.</p> |
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CLASS 50.

GOVERNORS.

Governors for Steam-engine and other Machinery.

[Excepting Brakes for Machinery, Class 74.]

Cut-offs, Governor
Governor cut-off motions.

Governors.
Steam-governors.

CLASS 51.

GRINDING AND POLISHING.

Modes, Apparatus, Tools, Processes, and Appliances for glass, metal stone, and wood.

[*Excepting Clay and Mortar Machines*.. Class 25.
Fruit Grinding Class 100.
Grinding Mills Class 83.
Ore and Stone Mills Class 90.]

Buffers.	Lenses, Polishing
Buffing-machines.	Marble-grinding.
Burnishers.	Marble-grinding, Compositions for
Burnishing-machines.	Marble-polishing.
Card-grinding.	Oil stones.
Clamps for saw-filing, gumming, and sharpening.	Polishing-compounds.
Cutting glass.	Polishing glass.
Cutting jewels.	Polishing-machines.
Emery-paper.	Polishing marble.
Emery-wheels.	Polishing-materials.
Emery-wheels, Compositions for	Polishing metals.
Filing-machines.	Polishing-slate.
Glass-cutting instruments.	Polishing-stone.
Glass-cutting processes.	Razor-strops.
Glass-grinding.	Razor-strops, Compositions for
Glass-polishing.	Reaper-knife sharpeners.
Glass-roughening.	Rifles for whetting.
Grinding glass.	Roughening glass.
Grinding-machines.	Sand-paper.
Grinding materials.	Saw-filing.
Grindstones.	Saw-grinding.
Grindstones, Artificial	Scissors-sharpeners.
Grindstones, Hanging	Scouring glass.
Hanging grindstones.	Scouring stone.
Harvesters, Grinding-apparatus for	Scythe-rifles.
Hones.	Scythe-stones.
Jewels, Cutting	Skate-sharpeners.
Knife-sharpeners.	Steels.
Lapidary tools.	Stone-polishing.
Lapidary wheels.	Stove polish.
Laps.	Strops.
Lenses, Grinding	Tool-grinding.
	Tool-holders for grindstones.
	Whetstones.

CLASS 52.

GUNPOWDER.

Explosive Compounds, Compositions, and Manufactures, Pyrotechnics, Compositions for Matches.

<p>Ballistic pendulums. (<i>See Class 73.</i>) Blasting compounds. Cartridges, Compositions for Cigars, Compositions for lighting Corning gunpowder. Detonating compositions. Drying gunpowder. Dynamite. Eprouvettes. (<i>See Class 73.</i>) Fulminates. Glazing gunpowder. Graining gunpowder. Gun-cotton, Manufacture of Gunpowder, Compositions for Gunpowder, Corning</p>	<p>Gunpowder, Drying Gunpowder, Glazing Gunpowder, Graining Gunpowder-mills. (<i>See Class 83.</i>) Gunpowder-polishing. Gunpowder-presses. (<i>See Class 100.</i>) Incendiary compounds. Matches, Compositions for Matches, Machines for making and dipping (<i>See Class 144.</i>) Nitro-glycerine. Powder-kegs. Pyrotechnic compounds. Pyrotechnics. Rockets.</p>
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CLASS 53.

HARDWARE MANUFACTURE.

Manufacture of Hardware Fittings and Trimmings, Arms, Cutlery, and Jewelry.

Under the following heads:—

- A.—Arms and cutlery.
- B.—Builders' hardware.
- C.—Carriage hardware.
- D.—Furniture hardware.
- E.—Personal wear.
- F.—Saddle and harness hardware.
- G.—Shoemakers' hardware.
- H.—Spinning and weaving hardware.
- I.—Stationery and miscellaneous hardware.
- J.—Trunk and carpet-bag hardware.
- K.—Water and gas fittings.

[*For Manufacture of Railway-track and Car-irons and Fittings, see Railways 4, Class 107; see also METAL-WORKING, page 106.*]

A.—Arms and Cutlery.

Bayonets, Manufacture of
 Bullets, Manufacture of
 Cartridge-shells, Manufacture of
 Clipping-tools, Manufacture of
 Cutlery, Manufacture of
 Dies for making articles of cutlery.
 Forks, Manufacture of
 Gun-locks, Manufacture of

Knives, Manufacture of
 Percussion-caps, Manufacture of
 Sabers, Manufacture of
 Scissors, Manufacture of
 Shears, Manufacture of
 Shot, Manufacture of
 Shot-sorting machines.
 Swords, Manufacture of

B.—Builders' Hardware.

Alarm-bells, Manufacture of
 Bells, (household,) Manufacture of
 Blind-fittings, Manufacture of
 Bolts, (household,) Manufacture of
 Buttons, (door,) Manufacture of
 Clock-bells, Manufacture of
 Cow-bells, Manufacture of
 Door-bells, Manufacture of
 Door-checks, Manufacture of
 Door-springs, Manufacture of
 Door-strips, Manufacture of
 Elbow-levers for pulls, Manufac-
 ture of

Hinges, Manufacture of
 Keys, (door,) Manufacture of
 Knobs for doors and bell-pulls,
 Manufacture of
 Latches, Manufacture of
 Locks, Manufacture of
 Lock-trimmings, Manufacture of
 Pulls, (bell,) Manufacture of
 Sash-holders, Manufacture of
 Sash-pulleys, Manufacture of
 Sash-weights, Manufacture of
 Sheaves, Manufacture of
 Shutter-fasteners, Manufacture of

Shutter-workers, Manufacture of
Sleigh-bells, Manufacture of
Table-bells, Manufacture of

Weather-strips, (metallic,) Man-
ufacture of
Window-sash, (metallic,) Manu-
facture of

C.—*Carriage and Wagon Hardware.*

Axle-boxes, (carriage,) manufac-
ture of
Braces for carriages, Manufacture
of
Carriage-bow joints, Manufacture
of
Carriage-door handles, Manufac-
ture of
Carriage-springs, Manufacture of
Carriage-steps, Manufacture of
Carriage-top braces, Manufacture
of

Felly-plates, Manufacture of
Fifth-wheels, Manufacture of
Hub-bands, Manufacture of
King-bolts, Manufacture of
Perch-plates, Manufacture of
Shaft-couplings, Manufacture of
Spring-heads, Manufacture of
Thill-couplings, Manufacture of
Wheels, (metallic,) Manufacture
of

D.—*Furniture Hardware.*

Cabinet-hooks, Manufacture of
Casters, Manufacture of
Clothes-hooks, Manufacture of
Hat-hooks, Manufacture of

Coffin-handles, Manufacture of
Coffin hardware, Manufacture of
Stair-rods, Manufacture of

E.—*Personal Wear.*

Beads, (metallic,) Manufacture of
Brooches, Manufacture of
Buckles, Manufacture of
Button rings, Manufacture of
Buttons, (metallic,) Manufacture
of
Chains, (fob and watch,) Manu-
facture of
Clasps, Manufacture of
Clothes pins, Manufacture of
Collar-fastenings, Manufacture of
Combs, (metallic,) Manufacture of
Cuff buttons, Manufacture of
Eyelets, Manufacture of
Finger-rings, Manufacture of

Glove-buttons, Manufacture of
Hooks and eyes, Manufacture of
Jewelry, Manufacture of
Key-rings, Manufacture of
Locketts, Manufacture of
Ornaments, (small metallic,) Man-
ufacture of
Shirt and collar fastenings, Man-
ufacture of
Shoe-buttons, Manufacture of
Split-rings, Manufacture of
Watch and fob chains, Manufac-
ture of
Watches, Manufacture of

F.—*Saddle and Harness Hardware.*

Buckles, (harness,) Manufacture
of
Collar shells, Manufacture of
Hames, Manufacture of
Rivets, (harness,) Manufacture of

Saddle-trees, Manufacture of
Snap-hooks, Manufacture of
Stirrups, Manufacture of
Swivel-hooks, Manufacture of
Terrets, Manufacture of

G.—*Shoemakers' Hardware.*

Boot-shanks, Manufacture of	Screw-nails, Manufacture of
Clogs, (metallic,) Manufacture of	Shoe-tips, Manufacture of

H.—*Spinning and Weaving Hardware.*

Cop-tubes, Manufacture of	Shuttle-frames, Manufacture of
Eyes for harness, Manufacture of	Shuttle-tips, Manufacture of
Flyer-guides, Manufacture of	Speeder-flyers, Manufacture of
Knitting-burrs, Manufacture of	Spindle heads for flyers, Manu-
Ring-travelers, Manufacture of	facture of

I.—*Stationery and Miscellaneous Hardware.*

Clock-pillars, Manufacture of	Pens, Manufacture of
Fish-hooks, Manufacture of	Stationery, (metallic articles of,)
Ferrules, Manufacture of	Manufacture of
Gold pens, Manufacture of	Steel Pens, Manufacture of
Paper-clasps, Manufacture of	Umbrella-trimmings, Manufac-
Pen-holders, Manufacture of	ture of

CLASS 54.

HARNESSES.

Tools, Machines, and Special Hardware, Saddles, Harness, Muzzles, Pokes, Gags, and Whips.

[*Except Hooks, Snap-hooks, and Rings, Class 24.*]

[*For Manufacture of Saddlery and Harness Hardware, see Class 53, Section F.*]

[*For Manufacture of Leather-working Tools, see Class 81, Section B.*]

Back-bands.	Fetters.
Bells, Cow	Fly-nets.
Bells, Sleigh	Fly-nets, Machines for making leather
Bell straps.	Foot-pads for horses.
Bits, Bridle	Gage-knives.
Bitting-rigging.	Gag-runners.
Blind-bridles.	Gags for animals.
Blind-folding devices for animals.	Gig-trees.
Blinds for horses.	Halters.
Bonnets for horses.	Hame-clips.
Boots for horses.	Hame-fasteners.
Breaking horses, Apparatus for	Hames.
Breast bails.	Harness.
Breast-slides.	Harness-chains.
Breast-straps.	Harness, Detaching
Breast-strap slides.	Harness-hooks.
Breech-straps.	Harness-makers' tools.
Bridles.	Harness-mountings.
Bridle-winkers.	Harness-oiling machines.
Bull-rings.	Harness pads.
Cart-saddles.	Harness-reins, Machines for rounding
Cattle-gags.	Harness-swivels.
Cattle-leaders.	Harness-wardrobes.
Check-hooks.	Head-protectors for horses.
Check-reins.	Hog-rings.
Clamps for sewing harness.	Hopples.
Clamps, Stitching	Horn-knobs, Cattle
Collar-blocks.	Horse-blankets.
Collars, Horse	Horse-protectors.
Collars, Machines for stuffing	Horse-taming.
Collar straps, Horse	Horse-training apparatus.
Cribbing, Devices to prevent	Horse-yokes.
Crupper-loops.	Housings for harness.
Cruppers.	Interfering, Devices to prevent
Dog-collars.	Knee-caps.
Dog-muzzles.	Knee guards for horses.
Draw-gage cutters.	Lassoos.
Dumb-jockeys.	
Fetters for animals.	

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| <p>Martingales.
Muzzle-rings.
Muzzles.
Nose-rings.
Nostril-pinchers.
Pack-saddles.
Pad-crimps.
Pads.
Pad-trees.
Pokes for animals.
Rein-pulls.
Reins, Safety
Reins, Slides for
Rosettes for horses.
Rounding machines, Rein-
Shackles.
Saddle-blankets.
Saddle-cloths.
Saddle-girths.
Saddle-pad machines.
Saddles.
Saddles, Cart
Saddles, Harness
Saddles, Pack
Saddles, Pad
Saddles, Riding
Saddles, Side</p> | <p>Saddle-trees.
Saddle trees, Side-
Shaft tugs.
Shields for horses.
Sleigh-bell attachments.
Sleigh-bells.
Snap-hooks. (<i>See Class 24.</i>)
Snout-rings.
Spurs.
Stirrups.
Stirrups, Safety
Stitching horses.
Stuffers, Collar
Sun-shades for horses.
Surcingles.
Tail-supporters.
Tethers.
Throwing horses, Apparatus for
Trace-couplings.
Traces.
Trees, Saddle
Tug-carriers.
Whip-hangers.
Whip-racks.
Whips.
Whip-stocks.
Yokes for breechy animals.</p> |
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CLASS 55.

HARROWS.

Machines for Rolling and Pulverizing the Soil, and Preparing the Surface.

[*For Manufacture of Husbandry Hardware, see Class 81, Section B.*]

Brush-pullers.	Roller and harrow, Combined
Clod-crushers.	Rollers, Flanged
Corn-stalk choppers.	Rollers, Land
Cotton-stalk choppers.	Rotary harrows.
Grubbing-harrows.	Scarifiers.
Grubbing-machines.	Scufflers.
Harrows.	Stalk-choppers.
Harrows, Rotary	Stalk-pullers.
Harrow-teeth.	Stone-gatherers.

CLASS 56.

HARVESTERS.

Machines and Implements (*except Hand Hay Rakes and Forks*) for Gathering and Securing Crops.

[*For the Manufacture of Iron Parts of Harvesters, see Class 81, Section B.*]

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| <p>Bands for binding grain.
 Barley-forks.
 Bean-harvesters.
 Binders for harvesters.
 Cane-harvesters.
 Clover-headers.
 Clover-seed harvesters.
 Combined reapers and mowers.
 Corn-cutting machines.
 Corn-harvesters.
 Corn-shocking machines.
 Corn-shock tyers.
 Cotton-pickers.
 Cotton toppers.
 Cradles, Grain
 Cut-offs for harvesters.
 Cutters, Harvester
 Dropping-platforms for harvesters.
 Dumping-reels for harvesters.
 Fingers, Harvester
 Flax-pullers.
 Forks, Horse hay
 Forks, Grain
 Gaveling-attachments for harvesters.
 Gaveling-forks.
 Gearing, Harvester
 Grain-binders.
 Grain-cradles.
 Grain-forks.
 Grain-harvesters.
 Grain-rakes.
 Grass-harvesters.
 Guard-fingers for harvesters.
 Harvesters, Bean
 Harvesters, Binders for
 Harvesters, Cane
 Harvesters, Clover-seed
 Harvesters, Corn
 Harvesters, Cutters for
 Harvesters, Dropping platforms for</p> | <p>Harvesters, Dumping-reels for
 Harvesters, Fingers for
 Harvesters, Gaveling-attachments for
 Harvesters, Gearing for
 Harvesters, Grain
 Harvesters, Grass
 Harvesters, Guard-fingers for
 Harvesters, Hemp
 Harvesters, Pitmans for (<i>See Class 74.</i>)
 Harvesters, Rakes for
 Harvesters, Reels for
 Harvesters, Track-clearers for
 Hay-caps.
 Hay-forks, Horse
 Hay rakers and cockers.
 Hay rakers and loaders.
 Hay-rakes, Horse
 Hay-spreaders.
 Hay-tedders.
 Heading-machines, Grain
 Hedge-trimming machines
 Hemp-harvesters.
 Hemp pullers.
 Lawn-mowers.
 Manure-draggs.
 Manure-loading rakes.
 Mowing-machines.
 Pitmans for harvesters. (<i>See Class 74.</i>)
 Rakes for harvesters.
 Rakes, Horse hay
 Reaper-knife sharpeners. (<i>See Class 51.</i>)
 Reaping-hooks.
 Reaping-machines.
 Reels for harvesters.
 Seats for harvesters.
 Scythe-fastenings.
 Scythe-nibs.
 Scythes.
 Scythe-snaths.</p> |
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Shock tyers.

Sickles.

Straw scatterers.

Sugar-cane cutters.

Sward-cutters.

Tedders, Hay

Timothy-headers.

Track clearers for harvesters.

CLASS 57.

HOISTING.

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| <ul style="list-style-type: none"> Blocks, Pulley. Brakes for hoisting machinery.
(See Class 74.) Buckets, Dumping Buckets, Hoisting Bush-extractors. Capstans. Capstans for mole-plows. Car-jacks. Carriage-jacks. Clamps for raising buildings. Cranes. Derricks. Derricks, Floating Dumb waiters. Dumping tubs and buckets. Elevators. Elevators for bricks. Elevators for grain. Elevators for houses. Elevators for mortar. Elevators for warehouses. Floating derricks. Grain-conveyors. Grain-elevators. Hay-elevators. Hay-loading derricks. Hay-unloaders. Hod-unloaders. Hoisting apparatus. Hoisting-buckets. Ice-elevators. Ice-runs. Jacks, Carriage | <ul style="list-style-type: none"> Jacks, Lifting Jacks, Railway-car Jacks, Screw Jacks, Wagon Lifting apparatus. Lifting-jacks. Lifting-screws. Loading machinery for wagons,
vessels, and cars. Logs, Implements for loading Logs, Implements for piling Logs, Implements for rolling Lumber, Implements for load-
ing and unloading Lumber, Implements for piling Masting-sheers. Pulley-blocks. Rail jacks. Sheers, Masting Ships' capstans. Skids. Skips. Speeders for capstans. Stump-extractors. Tackle and blocks. Tackle-blocks. Tender-loaders. Track-raisers, Railway Unloading-machines. Vessels, Loading and unloading,
Machinery for Winches. Windlasses. |
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CLASS 58.

HOROLOGY.

Clocks, Watches, Time-keepers, and Registers, and cases for the same.

[*For Watchmakers' Tools, see Class 81, Section A.*]

Chronographs.	Keys, Watch
Chronometers.	Metronomes.
Chronoscopes.	Pendulums.
Clepsydras.	Registers, Time
Clock-cases.	Springs, Watch and Clock
Clock-keys.	Stem-winders.
Clocks.	Time-indicators, Automatic
Dials.	Time-registers.
Dials, Time-piece.	Time-reporters.
Escapements.	Watch-cases.
Hands for clocks and watches.	Watch-dials.
Horological-instruments.	Watches.
Hour-glasses.	Watch-keys.
Illuminated clocks.	Watchman's time-registers.
Indicators, Automatic time	Watch-motions.
Keys, Clock	Watch-springs.

CLASS 59.

HORSE SHOES.

Shoes and Machines for making.

[For *Blacksmiths' Forges and Machines*, see METAL-WORKING 3, *Class 78*; for *Blacksmiths' Tools*, see *Class 81, Section A.*]

Horseshoe-bars.

Horseshoe bars, Machines for
bendingHorseshoe bars, Machines for
shaping

Horseshoe blanks, Making

Horseshoe-machines.

Horseshoes.

Horseshoes, Calks for

Horseshoes, Pads for

Oxshoes.

CLASS 60.

HOSE AND BELTING.

Hose and Belting, Compositions and Machinery for making, Couplings, and Fasteners.

[*For Manufacture of Leather-working Tools, see Class 81, Section B.*]

Band and cord fasteners.	Couplings, Cord
Band punches. (<i>See Class 24.</i>)	Couplings, Hose
Bands for pulleys.	Cuttingmachines, Belt-
Belt-clasps.	Cutting machines, Belt-lacing
Belt-couplings.	Elastic tubing.
Belt-cutting machines.	Fasteners for bands, belts, and
Belt-fasteners.	cords.
Belting, Compositions for	Flexible gas tubing.
Belting-Compound	Hose.
Belting, Modes of making	Hose-bridges.
Belting, Rubber	Hose, Compositions for
Belt lacers.	Hose-couplings.
Belt-lacing, Machines for cutting	Hose, Leather
Belt-punches. (<i>See Class 24.</i>)	Hose, Modes of making
Belts.	Hose-protectors.
Belt-shifters. (<i>See Class 64.</i>)	Hose, Rubber
Belt-splicing.	Materials for bands, belts, and
Belt-tighteners. (<i>See Class 64.</i>)	hose.
Compositions for belting.	Rubber hose.
Compositions for hose.	Spanners for hose-couplings.
Compositions for elastic tubing.	Tubing, Coating of elastic
Cord and belt fasteners.	Tubing, Compositions for elastic
Couplings, Band	Tubing, Elastic
Couplings, Belt	Tubing, Lining of elastic

CLASS 61.

HYDRAULIC ENGINEERING.

Aqueducts, Canals, Dikes, Harbors, Breakwaters, Docks, Quays
Sub-aqueous Explorations and Works, Piles, Improvement of Rivers.

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| <p>Aqueducts.
Armor, Submarine
Booms for logs.
Breakwaters.
Cables, Laying submarine
Caissons for piers, &c.
Camels.
Canal hoists.
Canal lining.
Canal locks.
Canal-lock gates.
Canal propulsion, apart from the boat.
Canals.
Chutes for carrying logs.
Chutes for coal.
Chutes for water-courses.
Coal-chutes.
Coffer-dams.
Cores for dikes.
Cradles for building vessels.
Cradles for launching vessels.
Cradles for raising vessels.
Current fenders.
Dams.
Dikes.
Diving apparatus.
Diving-bells.
Docks, Dry
Docks, Tidal
Docks, Wet
Draining cellars, Automatic devices for
Drain-tiles, Machines for, and modes of laying
Dredging-machines. (<i>See Class 37.</i>)
Dry-docks.
Embankments, Making and repairing
Ferry-boat platforms.
Fish-ways.
Flood-gates.
Flumes for logs.
Flushing apparatus.
Gates, Canal-lock</p> | <p>Gates, Flood
Gates, Sluice
Graving docks.
Harbor defenses.
Harbor obstructions, Removing
Harbors.
Harbors, Obstructing
Hydraulic mining.
Inclined planes for canals.
Iron tunnels.
Irrigating apparatus.
Landing platforms.
Launching vessels.
Laying submarine cables.
Levees.
Lining canals.
Locks, Canal
Lock valves, Canal
Marine railways.
Marshes, Machines for filling
Marshes, Reclaiming
Mill-dams.
Mud-machines.
Obstructing rivers and harbors.
Piers, Landing
Pile-cutters.
Pile-drivers.
Piles.
Piles, Protection of
Piles, Screw
Quays.
Raising sunken vessels.
Reservoirs, Canal
Rivers bars, Removing
Rivers, Improving channels of
Rivers, Protection against inundations of
Screw-piles.
Shields for tunneling.
Slips, Marine
Sluice-gates.
Snags, Removing
Staging for boats.
Staging for loading and unloading vessels.
Staiths.</p> |
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Stopping crevasses.
Sub-aqueous foundations.
Sub-aqueous railways.
Sub-aqueous tunneling.
Sub-fluvian tunnels.
Submarine armor.
Submarine cables, Laying
Submarine excavating.
Submarine helmets.
Submarine operators.
Tidal docks.
Tidal valves.
Tide basins.

Tide-gates.
Tide powers.
Trainways for ferry-boats.
Tunnels, Iron
Tunnels, Sub-aqueous
Valves for draining tidal lands.
Wave-powers.
Weirs.
Well-curbs.
Wet-docks.
Wharfs.
Wharfs, Floating (See Class 114.)
Wire ferriage.

CLASS 62.

ICE.

Refrigerative Processes and Machinery, Gathering, Manufacturing, Storing, and Applications of Ice.

Air-cooling apparatus.	Ice-cutters.
Air-cooling processes.	Ice-elevators. (<i>See Class 57.</i>)
Anæsthetic refrigerators.	Ice-houses.
Atomizers.	Ice-levelers.
Beer-coolers. ⁷	Ice-making machines.
Boxes for transportation, Refrigerating	Ice manufacture.
Cars for transportation, Refrigerating	Ice-picks.
Cooling apparatus.	Ice-plows.
Cooling mixtures.	Ice-safes.
Cooling processes.	Ice-shavers.
Corpse-coolers.	Ice-smoothers.
Filter and cooler combined.	Milk-coolers.
Freezing-liquids.	Railway cars, Refrigerating
Freezing-mixtures.	Refrigerating-cars.
Ice-cream freezers.	Refrigerating-cellars.
Ice-crushers.	Refrigerators.
	Water-coolers.

CLASS 63.

JEWELRY.

Bracelets, Brooches, Dress-pins, Rings, and Ornaments.

[*For Manufacture of Jewelry, see Class 53, Section E.*]

Bracelets.	Locket-cases.
Breast-pins.	Locketts.
Diaper-pins.	Pins, Breast
Dress-pins.	Pins, Diaper
Ear drops and rings.	Pins, Dress
Finger-rings.	Pins, Scarf
Fob-chains.	Pins, Shawl
Gems, Setting	Precious stones, Setting
Hooks for watch-chains. (<i>See</i>	Scarf-pins.
<i>Class 24.</i>)	Setting gems.
Jewelers' tools and appliances.	Shawl-pins.
(<i>See Class 81, A.</i>)	Watch-chains.
Lapidaries' work and appliances.	
(<i>See Class 51.</i>)	

CLASS 64.

JOURNALS AND BEARINGS.

Journals, Bearings, Shafting, Couplings, and Lubricators.

Anti-friction compounds.	Journal-bearings, Compositions for
Anti-friction metals.	Journal-boxes.
Anti-friction rollers.	Journal-box lining.
Band pulleys.	Journals.
Bands. (<i>See Class 60.</i>)	Lagging for drums.
Band wheels.	Lubricants.
Bearings for machinery.	Lubricating compounds.
Belt couplings. (<i>See Class 60.</i>)	Lubricators.
Belts. (<i>See Class 60.</i>)	Lubricators for spindles.
Belt-shifters.	Lubricators, Mechanical
Belt-tighteners.	Pulleys, Belt
Boxes, Journal	Pulleys, Fast and loose
Clutches for shafting.	Oil-cups.
Clutches, Friction	Oilers.
Coupling, Shaft	Shaft-couplings.
Drums, Belt	Shaft-hangers.
Friction-clutches.	Shafting.
Friction-couplings.	Spindles, Lubricating
Grease cups	Universal joints.
Hangers for shafting.	
Journal-bearings.	

CLASS 65.

KITCHEN UTENSILS.

Machines and Appliances for Preparing Bread, Meat, Fruit, and Vegetables for Cooking or for the Table; Table-ware, (*except Cutlery*), Baskets, Boxes, and Crates for Packing and Transporting Provisions, (*not including Stoves and their appliances, Class 126.*)

- | | |
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| Almond-peelers. | Cheese-covers. |
| Apple-corers. | Cheese-cutters. |
| Apple-parers. | Cheese-grinders. |
| Apple-slicers. | Cherry-stoners. |
| Barrel-covers. | Chimney-cleaners, Lamp |
| Barrel-handles. | Coffee-cups. |
| Baskets. | Confectionery-molds. |
| Baskets for fruit, fish, grain, and provisions. | Cork-pullers. |
| Batter-machines. | Cork-screws. |
| Bean-shellers. | Corn-ball molds. |
| Beer cups. | Corn-graters. |
| Beer-pitchers. | Cracker-crushers. |
| Bins, Meal | Cracker-machines. |
| Biscuit-boards. | Crates for fruit, fish, vegetables, &c. |
| Biscuit-cutters. | Cruet-stands. |
| Bottle-holders. | Crumb-removers. |
| Boxes, Egg-packing | Culinary ladles. |
| Boxes, Fish | Cups. |
| Boxes, Food | Dinner-buckets. |
| Boxes for provisions. | Dinner-pails. |
| Boxes for vegetables. | Dippers. |
| Boxes, Fruit | Dish-cleaners. |
| Boxes, Lunch | Dishcloth-holders. |
| Boxes, Paper. (<i>See Class 93.</i>) | Dish-covers. |
| Boxes, Pepper | Dish-drainers. |
| Boxes, Spice | Dishes. |
| Bread and pastry boards. | Dish-fasteners. |
| Bread-cutters. | Dish-holders. |
| Bread-machines. | Dish-stands. |
| Buckets. | Dish-trays. |
| Buckets, Folding | Dish-washers. |
| Buckets, Dinner | Dough-kneaders. |
| Butter-buckets. | Dough-machines. |
| Butter-dishes. | Dough-raisers. |
| Butter-tongs. | Dough-rollers. |
| Cake-cutters. | Dredging-boxes, Flour |
| Cake-turners. | Drinking-cups. |
| Camp-kits. | Egg-beaters. |
| Canisters. | Egg-cups. |
| Can-openers. | Egg-pans. |
| Canteens. | Egg-testers. |
| Caster-bottles. | Epergnes. |
| Caster-stands. | Fish-scalers. |

- Flour-chests.
 Flour-dredgers.
 Flour-scoops.
 Fruit-baskets.
 Fruit-boxes.
 Fruit-crates.
 Fruit-mashers.
 Fruit-panniers.
 Fruit-peelers.
 Fruit-strainers.
 Glass-cleaners.
 Graters, Corn
 Graters, Spice
 Hampers.
 Haversacks.
 Kitchen-safes.
 Kneading-machines.
 Knife-cleaners.
 Knife-racks.
 Knife-rests.
 Lamp-chimney cleaners.
 Lemon-squeezers.
 Liquor-pourers.
 Lunch-boxes.
 Meal-bins.
 Meal-chests.
 Meat-cutters. (*For Mincers, see Class 17.*)
 Meat-holders.
 Meat-safes.
 Meat-spits.
 Meat-tenderers.
 Mess-chests.
 Mess-kits.
 Napkin-holders.
 Napkins.
 Nut-crackers.
 Nutmeg-graters.
 Nut-pickers.
 Oyster-openers.
 Pans, Kitchen and pantry.
 Pea-shellers.
 Peach-parers.
 Peach-stoners.
 Peeling almonds.
 Pepper-boxes.
 Pie-crimpers.
 Pie-trimmers.
 Pitchers, Beer
 Pitchers, Ice
 Pitchers, Molasses
 Plates.
 Potato-mashers.
 Potato-peelers.
 Powder-mixers.
 Provision-safes.
 Raisin-seeders.
 Rolling-pins.
 Root-peelers.
 Safes, Meat
 Sauce-pans.
 Scoops, Flour
 Sifters of all kinds. (*See Class 140.*)
 Sinks, Kitchen. (*See Class 4.*)
 Skimmers, Culinary
 Slop-buckets.
 Slop-jars.
 Spice-boxes.
 Stove-pipe shelves.
 Table-cars.
 Table-mats.
 Table-trays.
 Trays, Dish
 Trays, Food
 Trays, Fruit
 Trays, Tea
 Tumbler-washers.
 Turnip-peelers.
 Urn-stands.
 Vegetable-peelers.
 Vegetable-washers.

CLASS 66.

KNITTING AND NETTING.

Knitting, Netting, Lace, and Hosiery.

[For Manufacture of Parts of Knitting-machines, see Class 53, Section H.]

Bobbinet-machines.	Knitting-machines, Take-up de-
Darning-machines.	vices for
Dressing and finishing hosiery.	Knitting-machines, Tension de-
Fishing-nets, Making	vices for
Gimp.	Knitting-machines, Transferring
Hosiery.	devices for
Knitted goods.	Lace-machines.
Knitting-machines.	Looped fabrics.
Knitting-machines, Burrs for	Needles for knitting-machines.
Knitting-machines, Needles for .	Netting-machines.
Knitting-machines, Setting up de-	Sinkers for knitting-machines.
vices for	Stocking and sock machines.
Knitting-machines, Sinkers for	Stop-motions for knitting-ma-
Knitting-machines, Stop-motions	chines.
for	Tatting-machines.
	Twist lace machines.

CLASS 67.

LAMPS AND GAS-FITTINGS.

Lamps, Lanterns, Lights, Gas-fittings, and Lighting devices.

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| <p>Alarms, Gas
Boxes, Match
Burners.
Calcium lights.
Candle-holders.
Candlesticks.
Catoptric lights. (<i>See Class 88.</i>)
Chandeliers.
Chimney-cleaners, Lamp. (<i>See Class 65.</i>)
Chimneys, Lamp
Cigar-lighters.
Clocks, Illuminated. (<i>See Class 58.</i>)
Cressets.
Dioptric lights. (<i>See Class 88.</i>)
Drop-lights.
Electric lights. (<i>See Class 36.</i>)
Extinguishers.
Flexible gas-tubing. (<i>See Class 60.</i>)
Gasaliers.
Gas-brackets.
Gas-burners.
Gas-fittings.
Gas-lighters.
Gas-lighting by electricity. (<i>See Class 36.</i>)
Gas-meters. (<i>See Class 98.</i>)
Gas-regulators.
Gas-tubing, Flexible (<i>See Class 60.</i>)
Hangers for lamps.
Head-lights, Locomotive
Illuminated clocks. (<i>See Class 58.</i>)
Illuminating-reflectors.
Illuminated signs. (<i>See Class 120.</i>)
Lamp-chimney adjusters.
Lamp-chimney cleaners. (<i>See Class 65.</i>)</p> | <p>Lamp-chimneys.
Lamp-cones.
Lamp-elevators.
Lamp-posts.
Lamp-reflectors.
Lamp-shade holders.
Lamp-shades.
Lamp-stands.
Lamp-wick adjusters.
Lamp-wick trimmers.
Lamp-wicks.
Lamps.
Lamps, Miners'
Lamps, Vapor
Lanterns.
Lighting devices.
Lighting devices, Electric. (<i>See Class 36.</i>)
Locomotive head-lights.
Lusters.
Magnesium-lights.
Match-boxes.
Match-safes.
Mica lamp chimneys.
Oxyhydrogen lights.
Reflectors for lamps.
Reflectors for windows.
Safes, Match
Shades, Lamp
Signs, Illuminated (<i>See Class 120.</i>)
Smoke-bells.
Snuffers.
Tubing for gas, Flexible (<i>See Class 60.</i>)
Vapor-burners.
Vapor-lamps.
Wicks, Compositions for treating
Wick-trimmers.
Window-illuminators.
Window-reflectors.</p> |
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CLASS 68.

LAUNDRY.

Washing, Wringing, and Drying Machines, and the Appliances of the Laundry.

Clamps for wringers.
Clothes-driers.
Clothes-frames.
Clothes-horses.
Clothes-line reels.
Clothes-lines.
Clothes-pins.
Clothes sprinklers.
Clothes-sticks.
Clothes-tongs.
Clothes-washers.
Clothes-wringers.
Fluting-irons.
Ironing apparatus.
Ironing-tables.
Italian irons.
Laudries.
Line-fasteners.

Line-reels.
Mangles.
Reels for clothes-lines.
Rubber rolls for wringers.
Sad-irons.
Sad-iron holders.
Smoothing-irons.
Sprinklers for clothes.
Wash-benches.
Wash-boards.
Wash-boilers.
Washing compounds. (*See Class 23.*)
Washing-machines.
Wool-washing machines.
Wringers.
Wringers, Clamps for
Wringers, Rolls for

CLASS 69.

LEATHER.

Machines for operating upon leather irrespective of its specific application or use.

[For Applications of Leather, see—

Boots and Shoes Class 12.

Harness and Saddlery Class 54.

Hose and Belting Class 60.

Trunks and Satchels Class 133.]

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| <ul style="list-style-type: none"> Boarding-machines, Leather (See Class 129.) Corrugating machines, Leather- Creasing machines, Leather- Cutting machines, Leather- Embossing machines, Leather- Glueing machines, Leather- Hammering machines, Leather- Leather carpet. Leather-cutting machines. Leather-dressing machines. (See Class 129.) Leather-embossing machines. Leather-glueing machines. Leather-hammering machines. Leathering tacks. Leather-piercing machines. Leather-pressing machines. Leather-punching machines. Leather-quilting machines. (See Class 112.) Leather rings, Tools for cutting Leather-rolling machines. Leather-rounding machines. Leather-scalloping machines. Leather-shaving machines. Leather-skiving machines. | <ul style="list-style-type: none"> Leather-sorting machines. Leather-splitting machines. Leather straps. Leather-stretching machines. Leather-stripping machines. Leather tubs, Machines for making Leather washers and wads, Tools for cutting Leather whips, Machines for making Pressing machines, Leather- Punching machines, Leather- Rings, Tools for cutting leather Rolling machines, Leather- Skiving machines, Leather- Sorting machines, Leather- Splitting machines, Leather- Stretching machines, Leather- Tubs, Machines for making leather Wads, Machines for making leather Washers, Machines for making leather Whips, Machines for making leather |
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CLASS 70.

LOCKS AND LATCHES.

Locks, Latches, their Trimmings and Accessories.

[*For Manufacture of Locks, see Class 53, Section B.*]

Alarm-locks.	Locks, Door
Bag-locks.	Locks, Drawer
Bolt-locks.	Locks, Hasp
Car-door latches.	Locks, Pad
Car-door locks.	Locks, Permutation
Car-seat arm-locks.	Locks, Piano
Chest-locks.	Locks, Safe
Cupboard-catches.	Locks, Sash
Door-fasteners.	Locks, Seal
Door-knobs.	Locks, Shutter
Door-locks.	Locks, Time
Drawer-locks.	Locks, Trunk
Gate-latches.	Locks, Valise
Hand-cuffs, Locks for	Locks, Window
Hasp-locks.	Lock-trimmings.
Keepers for door-locks.	Night-latches.
Key-fasteners.	Pad-locks.
Key-hole guards.	Permutation-locks.
Key-hole guides.	Piano-locks.
Keys.	Register-locks.
Knob-fasteners.	Roses for door-knobs.
Knob-latches.	Safe-locks.
Knobs, Door	Safety-guards to locks.
Knobs to spindles, Attaching	Scutcheons for key-holes.
Latches.	Seal-locks.
Lock-bolt keepers.	Shanks for door-knobs.
Lock-bolts.	Spindles for door-knobs.
Locks.	Time-locks.
Locks, Bag	Trunk-locks.
Locks, Car-door	Valise-locks.
Locks, Car-seat arm	Window-locks.
Locks, Chest	

CLASS 71.

MANURES.

Composition and Preparation of Fertilizers. Treatment of Guano, Sewage, Offal, Poudrette, Marl, Composts, etc.

Composts, Fertilizing
 Deodorizing excrements.
 Deodorizing offal.
 Deodorizing vaults.
 Fertilizers, Manufacture of
 Fertilizer mixers.
 Fertilizers, Packaging
 Fertilizers, Treating
 Guano, Treatment of
 Manure, Artificial
 Manures, Composition, processes,
 machinery.

Marl, Treatment of
 Night-soil, Treatment of
 Offal, Deodorizing
 Offal for fertilizers, Treatment of
 Phosphates for fertilizers, Treat-
 ment of
 Privies, Cleaning
 Poudrette, Treatment of
 Sewage for fertilizers, Treat-
 ment of
 Sewer cleaners.

CLASS 72.

MASONRY.

Masonry, Brick-work, Structures of Concrete, Plastering, Iron Houses.

<p>Arches. (<i>See Class 14.</i>) Basins for sewers. Béton, Structures of Brick-work of buildings. Cellar-floors. Centering for arches. (<i>See Class 20.</i>) Cistern covers. Cisterns. Cistern tops. Columns, (<i>except Iron, Class 14.</i>) Concrete, Structures of Coping. Cornice, Metallic Culverts. Domes. Fire-proof building. Fire-proof floors. Fire-proof walls. Fire-proof walls, Portable Floats, Plasterers' Floors of stone or concrete. Fortifications, (<i>except Earthworks, Class 37.</i>) Foundations of stone or concrete. Garbage-sinks. Harbor defenses. Hawks. Hods. House-fronts, Iron House-fronts, Stone-facing Houses, Iron, (<i>except Trusses,</i></p>	<p><i>Girders, Piers, and Columns, Class 14.</i>) Iron facing for houses. Iron fronts for houses. Iron houses. Iron houses, Portable. Jails. Light-houses. Man-holes for sewers. Masonry. Molds for cornice. Mortar, Applications of Pisé-building, Implements and modes for Plastering-machines. Plastering-tools. Portable houses, (metallic.) Privies. Sewers. Stone facing for houses. Stone fronts for houses. Stone and slate tanks, Construction of Stone-work of buildings. Tanks for storage, Excavated Trowels, Bricklayers' Trowels, Plasterers' Trusses, Wood or iron. (<i>See Class 14.</i>) Vaults. Walls, (other than wooden.)</p>
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CLASS 73.

MEASURING-INSTRUMENTS.

Instruments of Precision, including Counting-machines and Registers, Meteorological Instruments, Measures and Measurers of Number, Distance, Weight, Capacity, Speed, Temperature, Moisture, &c.

[*Excepting—*

Drafting and Mathematical . . . Class 33.

Electrical Class 36.

Horological Class 58.

Optical and Surveying Class 88.]

Adding-machines.	Gages, Registering devices of vacuum
Alcoholmeters.	Gages, Registering devices of water
Alkalimeters.	Gaging-instruments.
Anemometers.	Game-counters.
Anemoscopes.	Gas-meters, Registering devices of
Arithmometers.	Goniometers.
Balances.	Graduated glasses.
Ballistic pendulums.	Graduated measures.
Barometers.	Grain-tallies.
Bilgewater-gages.	Grain-weighers.
Bottles, Dropping	Hydrometers.
Bottles, Graduated medicine	Hydrostatic balances.
Burettes.	Hygrometers.
Calculating-machines.	Hypsometers.
Coin-assorters.	Inclinometers.
Coin-balances.	Indicators, Automatic station
Coin-counting machines.	Indicators in cars, Automatic street
Coin detecting, Counterfeit	Indicators, Leak
Computing-tables.	Indicators, Lee-way
Counting-machines.	Indicators, Registering devices of steam-pressure
Drop-meters.	Indicators, Weather
Dropping bottles.	Lactometers.
Dropping-tubes.	Lee-way indicators.
Dynamometers.	Letter-balances.
Eprouvettes.	Logs, Ships'
Eudiometers.	Lumber-tallies.
Gages, Bilgewater	Measures, Board
Gages, Barrel-filling	Measures, Cloth
Gages, Measuring	Measures, Dry
Gages, Registering devices of pressure	Measures, Liquid
Gages, Rain	Measures, Lumber
Gages, Sliding	Measures of capacity.
Gages, Registering devices of steam	Measures, Tailors'
Gages, Registering devices of steam-boiler	Measures, Tape

- Measures, Tire
 Measuring devices of faucets.
 Measuring devices of funnels.
 Measuring devices of pumps.
 Measuring-sticks.
 Medicine glasses, Graduated
 Meteorological instruments.
 Meters.
 Meters, Current
 Meters, Drop
 Meters, fluid, Registering devices
 of
 Meters, gas, Registering devices
 of
 Meters, liquid, Registering de-
 vices of
 Meters, spirit, Registering de-
 vices of
 Meters, Registering devices of
 water
 Odometers.
 Oleometers.
 Pedometers.
 Perambulators.
 Photometers.
 Pipettes.
 Planimeters.
 Plumbs.
 Pressure-indicators, Registering
 devices of steam
 Pyrometers.
 Reckoning-instruments.
 Recording-instruments.
 Registers.
 Registers, Billiard
 Registers, Counting
 Registers, Grain
 Registers, Measuring
 Registers, Passenger
 Registers, Printing-press
 Registers, Steam-engine
 Registers, Street-car
 Registers, Weighing
 Registering devices of fluid-meters.
 Registering devices of air, steam,
 and water gages.
 Rules, Measuring
 Saccharometers.
 Salinometers.
 Scales, Sliding
 Scales, Tailors'
 Scales, Weighing
 Ships' logs.
 Sliding-gages.
 Sounding, Instruments for marine
 Specific-gravity apparatus.
 Speed-indicators.
 Spirometers.
 Squares.
 Steam-engine indicators.
 Steam-gages, Registering devices
 of
 Steam-pressure indicators, Regis-
 tering devices of
 Sphygmographs.
 Stethometers.
 Sympiesometers.
 Tables, Arithmetical
 Tables, Computing
 Tallies for grain, lumber, &c.
 Thermometers.
 Thermostats.
 Urinometers.
 Vanes.
 Velocimeters.
 Verniers.
 Votes, Instruments for recording
 Water-gages, Registering devices
 of
 Water-gages for steam-boilers,
 Registering devices of
 Water-meters, Registering de-
 vices of
 Weather-guides.
 Weighing-apparatus.
 Weighing-buckets.
 Weighing-scales.

CLASS 74.

MECHANICAL POWERS.

Horse-powers, Arrangements of Gearing, Brakes for Machinery, Cranks, Pitmans, Treadles; Modes of Converting, Multiplying, and Transmitting Motion.

[*For Excavating* see *Class 37.*
Hoisting see *Class 57.*
Journals and Shafting see *Class 64.*
Mills see *Class 83.*
Presses see *Class 100.*]

<p>Animal powers. Bearings for machinery. (<i>See Class 64.</i>) Brakes for horse-powers. Brakes for machinery. Buildings, Moving Cam-rods. Cams, Variable Changing speed, Apparatus for Churn-powers. Claw-bars. Clutches, Rope Cog-gearing. Connecting-rods. Converting motion, Apparatus for Crank-connections. Crank-motions. Crank, Overcoming the dead-points of Crank-pins. Cranks. Crank, Substitutes for the Crow-bars. Differential levers. Dog-powers. Eccentrics. Fly-wheels. Gearing, Arrangements of Gibs for pitmans, etc. Harvester-gearing. (<i>See Class 56.</i>) Hoisting-machines. (<i>See Class 57.</i>) Hooks for cam-rods. Horse-powers.</p>	<p>Horse-powers, Endless chains for Horse-powers, Links for Horse-powers, Treads for Intermittent-gearing. Journals. (<i>See Class 64.</i>) Lever-powers. Levers, Differential Lubricators. (<i>See Class 64.</i>) Mechanical movements. Mill-gearing. Mills. (<i>See Class 83.</i>) Motion, Converting Motion, Multiplying Motion, Transmitting Motors, Mechanical Pawls and ratchets. Pendulum-powers. Pitman connections. Pitmans. Pitmans for harvesters. Pitmans for sewing-machines. Presses. (<i>See Class 100.</i>) Reversing motion, Apparatus for Rope-clutches. Shafting. (<i>See Class 64.</i>) Starting engines off their centers. Tide-powers. Traction-wheels. Transmitting motion, Apparatus for Treadle-machines. Treadles. Wheels, Fly</p>
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CLASS 75.

METALLURGY.

Furnaces, Operations, Processes, and Machinery for the Reduction and Manufacture of Metals.

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| <p>Alloys.
 Amalgamators. (<i>See Class 90.</i>)
 Annealing metals.
 Assaying.
 Blast furnaces.
 Carbonizing furnaces.
 Case-hardening compounds.
 Case-hardening processes.
 Cementation furnaces.
 Coloring metals.
 Converting iron into steel.
 Copper furnaces.
 Cupola furnaces.
 Decarbonizing iron.
 Desulphurizing coal.
 Desulphurizing-furnaces.
 Desulphurizing ores.
 Enameling furnaces for metals.
 Files, Tempering
 Furnace-lining.
 Furnaces, Boiling
 Furnaces, Blast
 Furnaces, Catalan
 Furnaces, Copper
 Furnaces, Cupola
 Furnaces, Desulphurizing
 Furnaces for reducing metals.
 Furnaces for roasting ores.
 Furnaces for treatment of iron.
 Furnaces, Hot-blast
 Furnaces, Iron
 Furnaces, Lead
 Furnaces, Puddling
 Furnaces, Smelting
 Furnaces, Zinc
 Iron, Manufacture of
 Malleable iron castings, Furnaces
 . for
 Manufacture of aluminium.
 Manufacture of cobalt.</p> | <p>Manufacture of copper.
 Manufacture of iron.
 Manufacture of lead.
 Manufacture of magnesium.
 Manufacture of nickel.
 Manufacture of potassium.
 Manufacture of sodium.
 Manufacture of steel.
 Manufacture of tin.
 Manufacture of zinc.
 Metallurgic furnaces.
 Metallurgic processes.
 Metals, Furnaces for reducing
 Metals, Manufacture of
 Metals, Purification of
 Ores, Calcining
 Ores, Desulphurizing
 Ores, Furnaces for reducing
 Ores, Oxidizing
 Ores, Roasting
 Ores, Smelting
 Puddling.
 Puddling furnaces.
 Puddling processes.
 Reducing furnaces, Metal
 Reducing processes, Metal
 Refining furnaces.
 Roasting ores.
 Saws, Tempering
 Sheet iron, Furnaces for
 Smelting furnaces.
 Steel, Compositions in manufac-
 turing
 Steel, Machinery in manufactur-
 ing
 Steel, Processes in manufactur-
 ing
 Tempering steel.
 Tempering tools.
 Welding compounds.</p> |
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METAL-WORKING.

Under the following heads :—

Metal-working, 1.—Bending and Straightening	Class 76.
Metal-working, 2.—Boring and Drilling	Class 77.
Metal-working, 3.—Forging, Swaging, and Riveting	Class 78.
Metal-working, 4.—Punching, Cutting, and Shearing	Class 79.
Metal-working, 5.—Rolling	Class 80.
Metal-working, 6.—Tools	Class 81.
Metal-working, 7.—Turning, Planing, and Milling	Class 82.

See also—

Bolts, Nuts, and Rivets	Class 10.
Casting	Class 22.
Files and Rasps	Class 40.
Grinding and Polishing	Class 51.
Hardware Manufacture	Class 53.

[*Thus subdivided: A.—Arms and Cutlery.*

B.—Builders' Hardware.

C.—Carriage Hardware.

D.—Furniture Hardware.

E.—Personal Wear.

F.—Saddle and Harness Hardware.

G.—Shoemakers' Hardware.

H.—Spinning and Weaving Hardware.

I.—Stationery and Miscellaneous Hardware.

J.—Trunk and Carpet-bag Hardware.

K.—Water and Gas Fittings.]

Horse-shoes	Class 59.
Locks and Latches	Class 70.
Nails and Spikes	Class 85.
Needles and Pins	Class 86.
Plating	Class 96.
Railway-track and Car-iron	Class 107.
Safes	Class 109.
Saws	Class 110.
Sheet-metal	Class 113.
Tubing and Wire-making	Class 134.
Wire-working	Class 140.
Wood Screws	Class 141.

CLASS 76.

METAL-WORKING, 1.

Bending and Straightening.

Modes, Apparatus, Machines, Tools, and Appliances, (except as otherwise specifically classified,) including—

Angle-iron, Bending or straightening
 Armor-plates, Bending or straightening
 Bars, Bending or straightening
 Bending bars and plates.
 Bending rails.
 Corrugating plates,
 Plates, Bending metallic
 Plates, Corrugating metallic

Plates, Straightening metallic
 Rails, Bending or straightening
 Rods, Bending or straightening
 Shafts, Bending or straightening
 Straightening bars and plates.
 Straightening gun-barrels.
 Straightening rails.
 Straightening rods and shafts.
 Twisting bars, rods, and fagots.

CLASS 77.

METAL-WORKING, 2.

Boring and Drilling.

Modes, Apparatus, Machines, Tools, and Appliances, (excepting those otherwise specifically classified,) including—

Annular boring-bits for metal.	Drilling metals.
Boring cannon.	Drill-rests, Metal
Boring cylinders.	Drills, Gages for
Boring-machines, Metal	Drills, Ratchet
Bow-drills.	Drill-stocks.
Countersink-tools for metal.	Drills, Twist
Cylinders, Boring	Drills, Watchmakers'
Drifts.	Expanding drills for metal.
Drill-bits.	Ratchet-drills.
Drill-gages.	Reamers for metal.
Drilling-jigs.	Spiral stock-drills.
Drilling machines, Metal	Twist-drills.

CLASS 78.

METAL-WORKING, 3.

Forging, Swaging, and Riveting.

Modes, Apparatus, Machines, Tools, and Appliances, (except as otherwise specially classified,) including—

Anchors, Manufacture of	Olivers.
Anvils, Manufacture of	Ordnance-manufacturing.
Axles, Manufacture of carriage	Pneumatic hammers.
Blacksmiths' forges.	Portable forges.
Blacksmiths' tool-stands.	Power-hammers.
Boiler making, Steam	Pressing metals, scrap, &c.
Chain-making.	Riveting.
Dies for swaging.	Riveting-machines.
Drop-hammers.	Skelp and blank furnaces.
Drop-presses.	Stamping-mills.
Forges, Portable	Staving metals.
Forging.	Steam-hammers.
Furnaces for blanks.	Steam-hammers, Engines of (<i>See</i>
Furnaces for skelps.	<i>Class 121.</i>)
Furnaces for tires.	Tire coolers.
Gold-beating.	Swaging metals.
Gun-carriages, Making of iron	Tires, Bending and upsetting
Hammers, Drop	Tires, Making
Hammers, Hydraulic	Upsetting-machines, Tire
Hammers, Pneumatic	Upsetting metals.
Hammers, Power	Vise-making, Machinists'
Hammers, Steam	Welding apparatus.
Hammers, Water	

CLASS 79.

METAL-WORKING, 4.

Punching, Cutting, and Shearing.

Modes, Apparatus, Machines, Tools, and Appliances, (except as otherwise specifically classified,) including—

Blanks from bars and plates, Cutting	Punching-machines for bar or plate.
Cutting blanks from bars or plates.	Saw-gummers.
Cutting planchets from bars or plates.	Saw-making.
Gumming-saws.	Saw-sets.
Planchets from bars and plates, Cutting	Saw-swages.
	Shearing-machines for bar or plate.
	Tube-sheets, Punching

CLASS 80.

METAL-WORKING, 5.

Rolling.

Machines, Modes, Tools, Apparatus, and Appliances, (except as otherwise specifically classified,) including—

Angle-iron, Rolling	Puddlers' balls, Rolling and squeezing
Armor-plates, Rolling	Railroad-railpieces, Piling
Bars and rods, Rolling	Railroad-rails, Capping
Beams, Rolling	Railroad-rails, Repairing
Bundling scrap.	Railroad rails, Re-rolling
Casting metal rules between rollers.	Railroad-rails, Rolling
Casting sheet metal between rollers.	Rolling metals.
Chemical processes in sheet metal making.	"Russian" sheet-iron, Imitations of
Die-rolling.	Scrap, Bundling and rolling
Fagots and piles for rolling.	Sheet-iron, Chemical processes in manufacture of
Girder-bar, Rolling	Sheet-iron, Rolling
Hoop-iron, Rolling	Sheet-iron, Scraping and cleansing
Horseshoe-bar, Rolling	Sheet-lead, Rolling
Lighting-rods, Rolling	Sheet-metal making.
Piles and fagots for rolling	Sheet-metal planishing.
	Spike-bar rolling
	Squeezers for puddlers' balls.

CLASS 81.

METAL-WORKING, 6.

Tools.

Under the following heads:

A.—Metal-working tools.

B.—Manufacture of metallic tools for purposes other than metal-working.

A.—Metal-working tools for hand use, (not elsewhere specially classified,) and their analogues, including the manufacture of the same.

Blacksmiths' tools.
Boiler-makers' tools.
Bolt-cutters.
Clinchers, Blacksmiths'
Cutters, Bolt
Cutters, Pipe
Cutters, Rod
Farriers' tools.
Foot-rests for horses.
Gas-fitters' tools.
Hand-hammers.
Hand-vises.
Hoof-spreaders.
Jewelers' tools.
Jeweling watches, Tools for
Locksmiths' tools.
Machinists' tools.
Metal-working tools.

Monkey-wrenches.
Pipe-cutters.
Pipe-tongs.
Pipe-wrenches.
Plumbers' tools.
Ratchet-wrenches.
Rod-cutters.
Sheet-metal workers' tools.
Shoeing-tools, Blacksmiths'
Squares, Making
Tinnerns' tools.
Tongs, Blacksmiths'
Tongs, Pipe
Tube-expanders.
Vises, Machinists'
Watchmakers' tools.
Wrenches, Monkey
Wrenches, Pipe

B.—Tool-Manufacture.—The making of Metallic Tools, or parts of Tools, and Implements, for Working in the Earth, in Wood, Stone, Clay, Mortar, Leather, and Glass; the making of iron parts of Harvesters and other Agricultural Machinery.

Adzes, Manufacture of
Agricultural tools of metal, Manu-
facture of
Augers, Manufacture of
Axes, Manufacture of
Bricklayers' tools, Manufacture of
Cabinet-makers' tools of metal,
Manufacture of
Carpenters' tools of metal, Manu-
facture of
Chisels, Manufacture of
Clay-working tools, Manufacture
of
Coopers' tools, Manufacture of

Cutlery, Manufacture of (See
Class 53, Section A.)
Edge-tools, (not cutlery,) Manu-
facture of
Farm implements of metal, Manu-
facture of
Gardeners' implements of metal,
Manufacture of
Glass-working tools, Manufacture
of
Joiners' tools, Manufacture of
Leather-working tools, Manufac-
ture of

Lumbermen's tools, Manufacture
of
Miners' tools, Manufacture of
Shipwrights' tools, Manufacture
of
Stone-working tools, Manufacture
of

Track-layers' tools, Manufacture
of
Trowels, Manufacture of
Tuyeres, Manufacture of
Wheelwrights' tools of metal, Man-
ufacture of
Wood-workers' tools of metal, Man-
ufacture of

CLASS 82.

METAL-WORKING, 7.

Turning, Planing, Slotting, and Milling.

(Except as otherwise specifically stated,) including—

Burr-cutters.	Planers.
Centering-plates.	Planing-machines, Metal
Centering-tools.	Rests for metal-lathes.
Chucks for metal-lathes.	Rifling-machines.
Cutter-stocks for metal-planers.	Rose-engines.
Cutting-tools for lathes and planers.	Screw-cutting lathes.
Dogs for metal-lathes and planers.	Shaping-machines, Metal
Engine-lathes.	Slotting-machines, Metal
Gear-cutting machines.	Tool-holders for lathes.
Groove-cutting machines.	Tool-rests for lathes.
Key-seat cutting-machines.	Tools for metal-lathes, Turning
Lathes for milling.	Turning cannon.
Lathes for turning.	Turning balls, bullets, and shells.
Lathes for screw-cutting.	Turning gun-barrels.
Lathes for watchmakers.	Turning-lathes, Metal
Mandrels.	Type-cutting machines.
Milling-machines.	Watchmakers' lathes.

CLASS 83.

MILLS.

Grinding-Mills for Bark, Cane, Grain, Paint, Sugar; Flour-bolts, Smut and Hulling Mills.

[*Excepting Clay and Mortar Mills Class 25.*
Fruit Mills and Presses Class 100.
Ore-mills and Stone-crushers . . Class 90.]

Alarms, Grist	Leveling millstones.
Bag-fasteners.	Millers' alarms.
Bag-holders.	Mill gearing. (<i>See Class 74.</i>)
Balance-rynds.	Millstone-bridges.
Bark-mills.	Millstone-curbs.
Bolting meal, &c.	Millstone-dress.
Bolts, Flour	Millstone-eyes.
Bran-dusters.	Millstones.
Burrs, Metallic	Millstones, Balancing
Cane-mills.	Millstones, Dressing
Cider-mills. (<i>See Class 100.</i>)	Millstones, Elevating
Coffee-cleaning machines.	Millstones, Hanging
Coffee-mills.	Millstones, Leveling
Coffee-polishers.	Millstones, Regulating
Corn-mills.	Millstones, Supporting
Drug-mills.	Millstones, Tramming
Exhaust for millstones.	Millstones, Ventilating
Feed regulators for mills.	Paint-mills.
Flour-bolts.	Paint-mullers.
Flour-coolers.	Pea-nut cleaners.
Flour-mills.	Picks, Millstone (<i>See Class 125.</i>)
Flour-packers. (<i>See Class 100.</i>)	Powder-mills.
Grain-bagging.	Pug-mills. (<i>See Class 25.</i>)
Grain-bruisers.	Regulators for millstones.
Grain cleaners for mills.	Rice-cleaning machines.
Grain-conveyors. (<i>See Class 57.</i>)	Rice-hullers.
Grain-dampeners.	Rice-polishers.
Grain-distributors for mills.	Sack fasteners.
Grain-elevators. (<i>See Class 57.</i>)	Scouring-machines.
Grain-feeders.	Shellers, Corn
Grain for grinding, Preparing	Smut-machines.
Grain-mills.	Smut-mills.
Grain-spouts for mills.	Sorghum-mills.
Grain-tollers.	Spice-mills.
Grinding plates for mills.	Spindles, Mill
Grist alarms.	Stone-breakers. (<i>See Class 90.</i>)
Gunpowder-mills.	Sugar cane mills.
Hominy-machines.	Sugar-mills.
Hopper-boys.	Tolling devices for grain-mills.
Hopper-shoes for mills.	Tramming millstones.
Hulling-machines.	Tram-staffs for mills.
Huskers, Corn	Ventilating millstones.

CLASS 84.

MUSIC.

Instruments, Attachments, and Accessories.

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| <p>Accordeons.
Banjos.
Cabinet-organs.
Chiroplasts.
Clarinets.
Cornets.
Cymbals.
Dampers for musical instruments.
Drums.
Dulcimers.
Eolians.
Fifes.
Flageolets.
Flutes.
Guitars.
Harmoniums.
Harps.
Key-boards for musical instruments.
Keys for musical instruments.
Knee-swells for organs.
Leaf-turners for music-books.
Melodeons.
Music.
Musical instruments.
Musical notation.
Music-boxes.
Organ actions.
Organ-bellows.
Organ-couplers.
Organ key-boards.
Organ-pipes.
Organs.
Organ sound-boards.
Organ-stops.</p> | <p>Organs, Tremolo attachments to
Organ-swells.
Organ-tuning.
Organ wind-chests.
Piano-forte actions.
Piano-forte attachments.
Piano-forte cases.
Piano-forte frames.
Piano-forte keys.
Piano-fortes.
Piano-fortes combined with reed instruments.
Piano-forte sounding-boards.
Piano-fortes, Scales for
Piano-fortes, Stringing
Piano-fortes, Swell-attachment to
Piano-fortes, Tuning
Reed instruments.
Stringed instruments.
Strings for musical instruments.
Sounding-boards for musical instruments.
Swells for musical instruments.
Tremolo-attachments for musical instruments.
Trumpets.
Tuning instruments.
Violin-attachments.
Violin-bows.
Violins.
Violin-screws.
Violin sound-boards.
Violoncellos.
Wind-chests for organs.
Wind instruments.</p> |
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CLASS 85.

NAILS.

Nails, Spikes, Tacks, and Staples, and Machines for making.

Blind-staples.	Picture-knobs.
Capping nails and screws.	Picture-nails.
Cut-nails.	Railroad-spikes.
Dies for making spikes and nails.	Sheathing nails.
Horseshoe-nails.	Shoe-nails.
Horseshoe-nails, Machines for making	Spikes.
ing	Spikes, Machines for making
Leathering tacks.	Spikes, Self-clenching
Nail-plate feeders.	Staples.
Nails.	Staples, Machines for making
Nails, Cut	Tacks.
Nail-distributing machines.	Tacks, Leathering
Nails, Machines for making	Tacks, Machines for making
Nails, Wrought	Wrought-nails.

CLASS 86.**NEEDLES AND PINS.**

The Manufacture and Preparation for market.

Crochet-needles, Making	Needles, Machines for papering
Hair-pins, Making	Pins, Machines for making
Knitting-burs, Making	Pins, Machines for papering
Knitting-needles, Making	Sewing-machines needles, Mak-
Needles, Machines for making	ing

CLASS 87.

OIL, FAT, AND GLUE,

Including Glycerine, Paraffine, Soap, Wax, and Candles.

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| <ul style="list-style-type: none"> Ash-leaches. Blanching oils, fats, wax, &c. Candle machinery. Candle-making. Candle-molds. Candle-molds, Compositions for Candles. Candles, Compositions for Dubbing. Fats, Treatment of Fish-oil, Treatment of Gelatine. Glue-cutting machines. Glue dryers. (<i>See Class 34.</i>) Glue-making. Glue pots. (<i>See Class 126.</i>) Glycerine. Grease from slush, Separating Horn, Artificial Isinglass. Lard-coolers. Lard-oil presses. (<i>See Class 100.</i>) Lard-oil rendering-tanks. Lard-presses. (<i>See Class 100.</i>) Lard-renderers. Leaches, Ash Lye-extracts. | <ul style="list-style-type: none"> Offal, Treating Oil extracting, Chemical modes of Oil-filters. Oil-presses. (<i>See Class 100.</i>) Oils and fats from fiber and meal, Removing Oils, Refining. (<i>See Class 124.</i>) Oil-stills. (<i>See Class 124.</i>) Oleometers. (<i>See Class 73.</i>) Pans for manufacturing glue. Paraffine. Presses for oils, stearine, fats, &c. (<i>See Class 100.</i>) Rendering lard and tallow. Soap. Soap-cutting machines. Soap-making machines. Soap-making processes. Starch. (<i>See Class 8.</i>) Stearine. Tallow, Treatment of Washing compositions. Wax-cutting machines. Wax, Treatment of Wool, Removing suint and grease from |
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CLASS 88.

OPTICS.

Astronomical, Optical, and Surveying Instruments.

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| <p>Achromatic glasses.
 Altimeters.
 Altitude instruments.
 Astronomical instruments.
 Azimuth instruments.
 Cameras.
 Cameras, Photographic
 Cameras, Solar
 Catoptric lights.
 Chains, Surveyors'
 Circumferentors.
 Collimators.
 Compasses, Surveyors'
 Delineators of grades and routes.
 Departure and distance instruments.
 Dioptric lights.
 Eye-glasses.
 Heliometers.
 Heliostats.
 Heliotropes.
 Horizons, Artificial
 Lanterns, Magic
 Latitude, Instruments for determining
 Lenses.
 Levels.
 Level-staffs.
 Longitude, Instruments for determining</p> | <p>Lorgnettes.
 Magic-lanterns.
 Magnifying-glasses.
 Meridian-finders.
 Micrometers.
 Microscopes.
 Octants.
 Odometers. (<i>See Class 73.</i>)
 Opera-glasses.
 Optical instruments.
 Pedometers. (<i>See Class 73.</i>)
 Perambulators. (<i>See Class 73.</i>)
 Photographic cameras.
 Plane-tables.
 Polariscopes.
 Polarizing-apparatus.
 Prisms.
 Profiling-apparatus.
 Quadrants.
 Reflecting-circles.
 Sextants.
 Solar cameras.
 Spectacles.
 Stereoscopes.
 Surveying instruments.
 Surveyors' chains.
 Surveyors' marks.
 Telescopes.
 Theodolites.
 Transit instruments.
 Tripods, Surveyors'</p> |
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CLASS 89.

ORDNANCE.

[*Except Projectiles, Class 102.*]

Artillery,
 Artillery-carriages.
 Breech-loading cannon.
 Bushings for gun-vents.
 Cannons.
 Cannon-sights.
 Carriages for artillery.
 Centrifugal guns.
 Chassis for guns.
 Counterpoise gun-carriages.
 Disabling ordnance, Instruments
 for
 Gas-checks for breech-loading
 ordnance.
 Gun-carriages.
 Gun-carriages, Counterpoise
 Gun-chassis.
 Gun-platforms.
 Locks for ordnance.
 Machine-guns.
 Mantelets.
 Mitralleuses.

Mortars.
 Mounting ordnance.
 Operating ordnance.
 Ordnance.
 Ordnance, Attaching trunnions to
 Ordnance, Instruments for dis-
 abling
 Ordnance, Mounting
 Ordnance, Operating
 Quoins for ordnance.
 Rammers for ordnance.
 Revolving breech-cannon.
 Rifled ordnance.
 Sights for ordnance.
 Sponges for ordnance.
 Submarine ordnance.
 Tompions.
 Traverses of guns.
 Valves for submarine ordnance.
 Vents of ordnance.
 Vent-stoppers.

CLASS 90.

O R E.

Apparatus, Machines, and Processes for crushing and grinding Ore, Stone, Coal, or Bone; for separating Ores of precious metals, mechanically or by amalgamation.

Amalgamators.

Arrastras.

Bone mills.

Coal-breakers.

Coal-washers.

Disintegrating ores.

Gold washers.

Jiggers.

Marble-crushing machines.

Ore-crushers.

Ore-disintegrators.

Ore-dressers.

Ore-mills.

Ore-separators.

Ore-stamps.

Ore-washers.

Plaster-mills.

Quartz-mills.

Sand-washer.

Stamping-mills.

Stone-breakers.

Stone-crushers.

Washers, Gold

Washing-tables.

CLASS 91.

PAINT.

Paints, Pigments, Varnishes, Lacquers, and Staining Compositions, and their Manufacture; Painted and Enameled Fabrics; Lining Barrels; Leaf-gilding. Air, Fire, and Water Proofing Fabrics and Processes.

Air-proofing processes.	Metallic surfaces, Compositions for coating
Artificial leather.	Oil-cloth.
Barrel-lining.	Paint-brushes. (<i>See Class 15.</i>)
Barrels impervious to liquids,	Paint-burners. (<i>See Class 126.</i>)
Rendering	Painted fabrics.
Barrels, Pitching	Painters' tools, (<i>except Brushes, Class 15.</i>)
Brushes. (<i>See Class 15.</i>)	Painting-machines.
Coating and lining barrels.	Paint-mills. (<i>See Class 83.</i>)
Enameling of cloth.	Paint-pot hangers.
Enameling of leather.	Paints.
Fire-proofing compounds.	Paints, Apparatus for compound-
Fire-proofing processes.	ing
Floor-cloth.	Paints, Apparatus for mixing
Gas-tubing.	Pigments.
Gilding, Leaf	Pigments, Manufacture of
Gum resins, Treatment of	Priming for paint.
Imitation leather.	Sand-blowers. (<i>See Class 98.</i>)
Ink, Printers'	Staining.
Japanning cloth.	Varnishes.
Japanning leather.	Varnishing-machines.
Japanning wood.	Water-proofing compounds.
Lacquers.	Water-proofing processes.
Lampblack.	White-lead machinery.
Leather, Artificial	White-lead processes.
Leather-cloth.	Zinc, white, processes and ma-
Leather, Enameling	chinery.
Leather, Japanning	

CLASS 92.

PAPER-MAKING.

Manufacture of Paper, Card-board, &c., and of Articles direct from the pulp.

Beater-engines.	Paper-pulping machines.
Bed-plates of Rag-engines.	Paper-sizing.
Binders' boards.	Paper water-proofing.
Boxes direct from pulp, Making paper	Papier-maché.
Card-board.	Paste-board.
Enameling paper.	Pulping-machines.
Flocking paper.	Pulp, Reducing materials to
Glazing paper.	Rag-engines.
Mill-board.	Roofing-paper.
Paper.	Safety-guards in paper.
Paper, Calendering	Straw-boards.
Paper, Drying	Straw for paper, Treating
Paper, Enameling	Tobacco-paper.
Paper, Flocking	Vegetable parchment.
Paper-making machines.	Wall-paper. (<i>See Class 101.</i>)
Paper, Materials for	Water-marks in paper.
Paper, Processes of making	Water-proofing paper.
Paper-pulp.	Wood for paper, Treating

CLASS 93.

PAPER MANUFACTURES.

Articles of Paper, Appliances, Machines, Processes, and Tools for manufacturing articles of Paper.

Apparel, Paper	Envelopes and letter sheets combined.
Bag machines, Paper	Feeders, Paper
Book-folders.	Floor-cloth, Paper
Box machines, Paper	Label-machines, Paper
Collars, Machines for boxing paper	Lace-paper machines.
Collars, Machines for cutting out paper	Newspaper-folders.
Collars, Machines for embossing paper	Paper-apparel.
Collars, Machines for folding paper	Paper-bag machines.
Collars, Machines for patching button-holes of paper	Paper-bags.
Collars, Machines for planishing paper	Paper-box machines.
Collars, Machines for punching paper	Paper-boxes.
Collars, Machines for Shaping paper	Paper-collars.
Collars, Packing-envelopes for paper	Paper-cuffs.
Collars, Paper	Paper-cutters.
Cuffs, Paper	Paper-cutting machines.
Cutters, Paper	Paper-envelope machines.
Envelope-making machines.	Paper-feeders.
Envelopes.	Paper floor-cloth.
	Paper-folders.
	Paper-labels, Manufacture of
	Paper, Lace
	Paper-manufactures.
	Paper-perforating machines.
	Paper-tags, Manufacture of
	Paper-twine.
	Tag-machines, Paper
	Wall-paper trimmers.

CLASS 94.

PAVING.

Materials, Compositions and Varieties, Streets and Sidewalks, Making, Repairing, and Sweeping.

Asphalt and wood pavements combined.	Paving compositions.
Asphalt pavements.	Paving-tiles. (<i>See Class 25.</i>)
Cement floors.	Rammers, Paviers'
Cement paving.	Road-paving.
Coal-hole covers.	Road-rollers.
Coal-hole guards.	Roughening pavements.
Coal-traps in pavements.	Sidewalks.
Concrete pavement.	Stone, Artificial. (<i>See Class 125.</i>)
Concrete pavement, Devices for laying	Stone, Manufacture of paving. (<i>See Class 125.</i>)
Curbs, Pavement	Street-levelers.
Floors, Cement	Street-paving.
Garbage-boxes in pavement.	Street rammers.
Gutter-clearers.	Street-scrapers.
Gutters, Pavement	Street-sweepers.
Inlets to sewers.	Tiles. (<i>See Class 25.</i>)
Iron and wood pavements combined.	Traps for gutters.
Iron pavements.	Traps in pavements, Coal
Laying pavements.	Vault-covers.
Pavements, Asphalt	Vault-lights.
Pavements, Composition	Wood and asphalt pavements combined.
Pavements, Concrete	Wood and iron pavements combined.
Pavements, Iron	Wood and stone pavements combined.
Pavements, Stone	Wooden pavements.
Pavements, Wooden	
Paviers' tools, machines, and processes.	

CLASS 95.

PHOTOGRAPHY.

Instruments and Processes.

Albumenizing paper.	Photographic plate-holders.
Cameras, Photographic. (<i>See</i> <i>Class 88.</i>)	Photographic printing.
Cameras, Solar. (<i>See Class 88.</i>)	Photographic prints, Coloring
Camera-stands.	Photographic processes.
Developing, Photographic	Photographic toning.
Head-rests, Photographic	Photography.
Heliotypes.	Photolithography.
Photogalvanography.	Photo-sculpture.
Photographic apparatus.	Picture-holders, Photographic
Photographic cameras. (<i>See Class</i> <i>88.</i>)	Printing-frames, Photographic
Photographic paper.	Solar cameras. (<i>See Class 88.</i>)
	Stereoscopes. (<i>See Class 88.</i>)

CLASS 96.

PLATING.

Metals on Metals.

Buttons, Gilding
Coating metallic surfaces.
Electro-plating.
Electrotyping.
Galvanizing metals.
Gilding.
Glass-gilding.
Glass-platinizing.
Glass-silvering.

Lead-pipe lining by electro-plating process.
Metals with metals, Coating
Moire metallique.
Platinizing.
Silvering.
Silver-plating.
Tinning.

CLASS 97.

P L O W S .

Machines for Breaking, Digging, Trenching, and Paring the Soil, Cultivating Crops, and Digging Roots.

[*Manufacture of Agricultural Tools, etc., of Metal, see Class 81, Section B.*]

Bog-cutters.	Plows, Draining
Corn-coverers.	Plows, Drain-tile
Cotton-choppers.	Plows, Expanding
Cotton-scrapers.	Plows, Gang
Cotton-toppers.	Plows, Garden
Cultivator-teeth.	Plows, Hand
Cultivators.	Plowshares
Cultivators, Frames for	Plows, Hill-side
Cultivators, Wheel	Plows, Marking
Cutters, Sod	Plows, Mole
Diggers, Peanut	Plow-soles.
Diggers, Potato	Plows, Paring
Diggers, Root	Plows, Prairie
Digging-machines.	Plows, Rotary
Ditching-plows.	Plows, Seeding
Double shovel-plows.	Plows, Single-shovel
Draining-plows.	Plow-standards.
Furrowing-machines.	Plows, Steam
Gang-plows.	Plows, Subsoil
Garden-walks, Machines for	Plows, Sulky
scraping	Plows, Tile-laying
Hand-plows.	Plows, Wheel
Hoeing-machines.	Plow-wheel colters.
Hoes, Horse	Potato-digging machines.
Horse-hoes.	Root-diggers.
Land paring machines.	Rotary spaders.
Mold-boards for plows.	Scrapers, Cane
Mold-boards, Materials for	Scrapers, Cotton
Mole-plows.	Shovel-plows.
Plow-beams.	Single-shovel plows.
Plow-cleaners.	Sleds for furrowing ground.
Plow clevises.	Sod-cutters.
Plow-colters.	Spading-machines.
Plow-holders.	Steam-cultivators.
Plow-irons.	Steam-plows.
Plow-landsides.	Steam spading-machines.
Plow mold-boards.	Subsoil plows.
Plow-points.	Sweet potato cultivators.
Plow-regulators.	Tile-laying machines.
Plows, Ditching	Turf-cutting machines.
Plows, Double mold-board	Vine cutter, Potato-
Plows, Double-shovel	

CLASS 98.

PNEUMATICS.

Mechanical Applications of Air and other Elastic Fluids; Ventilation.

[*Except Valves, Class 136.*][*For Manufacture of Pipe and Gas-fittings, see Class 53, Section K.*]

- | | |
|---|--|
| <p> Aërial cars.
 Aërostats.
 Aëro steam-engines. (<i>See Class 121.</i>)
 Air and gas meters.
 Air-blast.
 Air chambers.
 Air-compressing machines and appliances.
 Air-cushions.
 Air-engines.
 Air-filters.
 Air-guns.
 Air-heating traps for air-engines.
 Air-meters.
 Air-pumps.
 Ammonia engines.
 Atmospheric motors.
 Balloons.
 Bellows.
 Bellow-nozzles.
 Blast-machines.
 Blast-regulators.
 Blowers.
 Blowers for furnaces.
 Blowers for organs.
 Blowers, Steam
 Blowing apparatus for glass-makers.
 Blow-pipes.
 Blow-pipes for glass-workers.
 Caloric engines.
 Carbonic acid gas-engines, (motors.)
 Car-brakes, Pneumatic
 Compressed air-engines.
 Dust from cars, Excluding
 Engines, Air
 Engines, Air-compressing
 Engines, Ammonia
 Engines, Blast
 Engines, Caloric
 Engines, Carbonic acid
 Engines, Compressed air
 Engines, Gas </p> | <p> Engines, Gunpowder
 Engines, Vapor, (except steam.)
 Exhaust-fans.
 Fan-blowers.
 Flying-machines.
 Foot-bellows.
 Forge-bellows.
 Gas-compressing machines.
 Gas-engines.
 Gas-meters.
 Gas-pumps.
 Gunpowder-engines.
 Hot-air engines.
 Hot-blast engines.
 Meters, Air
 Meters, Gas
 Meters, Registering devices of (<i>See Class 73.</i>)
 Piston-blowers.
 Pneumatic dispatch-tubes. (<i>See Class 104.</i>)
 Pneumatic railways. (<i>See Class 104.</i>)
 Railways, Pneumatic. (<i>See Class 104.</i>)
 Rock-drills, Air-engines for
 Rotary-blowers.
 Sand blowers.
 Tuyeres.
 Valves. (<i>See Class 136.</i>)
 Vapor-engines, (<i>except steam.</i>)
 Ventilation by heated air.
 Ventilation by hot water.
 Ventilation by steam.
 Ventilation of cars.
 Ventilation of halls.
 Ventilation of houses.
 Ventilation of mines.
 Ventilation of ships.
 Ventilators.
 Ventilators, Plenum
 Ventilators, Vacuum
 Wind-mills.
 Wind-wheels. </p> |
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CLASS 99.

PRESERVING FOOD.

Preservative Processes and Hermetical Packages.

[*Excepting Bottling* *Class 1.*
Drying and Smoking . . *Class 34.*
Refrigerating *Class 62.*]

Acids, Air-tight packages for
 Air-tight cans, jars, and pack-
 ages.

Alkalies, Air-tight packages for
 Bottle-stoppers. (*See Class 1.*)

Cans, Air-tight.

Cans for preserving provisions.

Can tops, caps, and stoppers.

Chemical preparation of food.

Chemicals, Air-tight packages for
 Condensing milk.

Curing meat and fish, (*except*
Smoking and Drying, Class 34.)

Drying fruit. (*See Class 34.*)

Eggs, Preserving

Fish, Cans for packing

Fish-carrying boxes.

Fish-flakes. (*See Class 34.*)

Food, Cans, jars, and air-tight
 packages for

Food, Chemical preparation of

Food, Hermetically sealed pack-
 ages for

Fruit-cans.

Fruit-cars.

Fruit-jars.

Fruit cellars and houses.

Fruit-chambers.

Fruits, Chemical preparation of

Hermetically sealed packages for
 provisions.

Ice-houses and refrigerators. (*See*
Class 62.)

Jars for fruit, meat, &c.

Jars, Self-sealing

Meat cans and jars.

Meat-curing.

Meat-packing.

Meats, Compositions for preserv-
 ing

Meats, Processes for preserving

Milk, Air-tight packages for

Milk, Condensing

Oil-cans, Air-tight

Oil-tanks, Sealed

Oyster-cans.

Packing houses, Meat

Paint-cans, Air-tight

Powder-cans, Air-tight

Preserving-cans.

Preserving-cars.

Preserving-houses.

Preserving processes for food.

Provision cans, jars, &c, Air-tight

Provision-cars.

Refrigerating processes. (*See*
Class 62.)

Refrigerators. (*See Class 62.*)

Sealing cans and jars.

Smoke-houses. (*See Class 34.*)

Smoking meat and fish. (*See*
Class 34.)

Vegetables, Preserving

CLASS 100.

PRESSES.

Except Printing and Hydraulic Presses.

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|---|--|
| <ul style="list-style-type: none"> Automatic presses. Bale-ties and hoops. Baling hay. Baling-presses. Beater-presses. Blubber-presses. Box-packing presses. Broom-corn presses. Bundling-presses for yarns and threads. Chain-testers. Cheese-presses. Cider-mills. Cider-presses. Cloth-presses. Compressors for re-baling. Cotton-bale ties. Cotton-presses. Dry-goods packers. Filtering-presses. Fleece-tables and tyers. Flour-packers. Fruit-packers. Fruit-presses. Grape-presses. Gunpowder-presses. Hay-presses. Hoop-locks. Hoop-strainers. Hop-presses. Hot-presses for fabrics and paper. Hydraulic presses. (<i>See Class 103.</i>) Lard-oil presses. | <ul style="list-style-type: none"> Lard-presses. Mats for oil presses. Meat-presses. Oil-cake trimmers. Oil-mills. Oil-presses. Packers for flour, fruit, sugar, salt, etc. Packing-bands. Peat-presses. Portable presses. Press and strainer combined. Printing-presses. (<i>See Class 101.</i>) Re-baling presses. Roping bales. Salt-packers. Screw-presses. Spring-testing presses. Steam-finishing presses for cloth. Steam plates for cloth-presses. Stearine-presses. Strainer-presses. Sugar-packers. Sugar-presses. Ties for bales. Tobacco-presses. Wheel-presses, (<i>not Hydraulic, Class 103.</i>) Wine-presses. Wool-packers. Wool-presses. Wool-tyers. Yarn-presses. |
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CLASS 101.

PRINTING.

Appliances and Supplies of the Printing Office, Type, Stereotype, and Electrotype.

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| <p>Addressing-machines.
 Address-stamps.
 Black-leading machines for electrotyping.
 Calico-printing machines.
 Caoutchouc-printing.
 Color-printing.
 Composing-machines.
 Composing-sticks.
 Compositors' appliances.
 Compositors' cases.
 Copper-plate presses.
 Copper-plate printing.
 Curved printing-surfaces, Making
 Damping machines, Paper-
 Distributing-machines.
 Electrotyping, Producing the matrix for
 Fabrics, Printing
 Floor-cloth printing.
 Flyers for printing-presses.
 Furniture, Printers'
 Gage-pins for tympan-sheets.
 Galley-rests.
 Galleys.
 Glass, Printing
 Hand-stamps.
 Hat-printing machines.
 Inking apparatus.
 Inking-rollers, Compositions for
 Lapping, Printers'
 Lead-cutters. (<i>See Class 113, Section A.</i>)
 Lithographic presses.
 Mechanical typographers.
 Mitering printers' rules. (<i>See Class 113, Section A.</i>)
 Newspaper-folders. (<i>See Class 93.</i>)
 Numbering-machines.
 Oil cloth printing.
 Paging-machines.
 Paper-dampers.
 Porcelain, Printing
 Post-office letter-stamping apparatus.
 Presses.</p> | <p>Presses, Canceling
 Presses, Copper-plate
 Presses, Copying
 Presses, Embossing
 Presses for obtaining relief-printing surfaces.
 Presses, Hand printing
 Presses, Lithographic
 Presses, Printing
 Presses, Seal
 Printers' blankets.
 Printers' blankets, Washing
 Printers' boxes.
 Printers' cases.
 Printers' furniture.
 Printers' lapping.
 Printers' quoins.
 Printers' rollers.
 Printers' rules.
 Printers' spaces, Cutting and mitering. (<i>See Class 113, Section A.</i>)
 Printing cloth.
 Printing floor-cloth.
 Printing oil-cloth.
 Printing-presses.
 Printing-processes.
 Printing-surfaces.
 Printing surfaces, Presses for obtaining relief-
 Printing wall-paper
 Printing-wheels.
 Quoins, Printers'
 Register-points for printing-presses.
 Revenue-stamp cancelers.
 Rollers, Printers'
 Rubber type.
 Rule-cutters. (<i>See Class 113, Section A.</i>)
 Rules, Printing
 Seals.
 Skirts, Printing
 Spaces for printers.
 Spool-printing.
 Stamp-cancelers.</p> |
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Stamps, Address
Stamps, Branding
Stamps, Hand
Stamps, Post-office
Stamps, Seal
Stencil-printing machines.
Stereotype molds, Machines for
producing
Stereotyping.
Stereotyping, Compositions for
Stereotyping, Processes for
Tags, Printing
Turtles.

Type.
Type, Casting
Type, Composing
Type, Distributing
Type, Flexible
Type-finishing.
Type-founding.
Type-scouring.
Type-setting.
Type-writing machines.
Typography.
Wall-paper printing.

CLASS 102.

PROJECTILES.

Balls, Bombs, Bullets, Cartridges, Fuses, Rockets, Shell, Shot, and Torpedoes ; Blasting.

- | | |
|---|---|
| <p>Ammunition cases.
 Balls for cartridges.
 Balls for fire-arms.
 Balls for ordnance.
 Blasting-cartridges.
 Blasting-compounds. (<i>See Class 52.</i>)
 Blasting-fuses.
 Blasting-plugs.
 Blasting rock.
 Bomb-lances.
 Bullet-pressing machines. (<i>See Class 53 A.</i>)
 Bullets.
 Bullets, Lubricating
 Canister-shot.
 Cap-boxes, Percussion
 Carcasses.
 Cartridge-filling machines.
 Cartridge-holders
 Cartridge-linings.
 Cartridge-pouches.
 Cartridge-priming machines.
 Cartridges.
 Cartridges, Blasting.
 Cartridges, Compositions for. (<i>See Class 52.</i>)
 Cartridges for fire-arms.
 Cartridges for ordnance.
 Cartridge-shells, Making. (<i>See Class 53 A.</i>)
 Cartridges, Metallic
 Cartridges, Priming
 Cartridge-wrappers.
 Compositions for coating projectiles.
 Compositions for packing projectiles.
 Concussion-fuses.
 Explosive balls.
 Explosive projectiles.
 Flasks, Powder
 Friction-primers.
 Fuses, Blasting
 Fuses, Concussion</p> | <p>Fuses, Firing
 Fuses, Safety
 Fuses, Tape
 Fuses, Time
 Grape-shot.
 Grenades.
 Gun-wads.
 Hand-grenades.
 Harpoons, Gun
 Incendiary shells.
 Lances, Bomb
 Lubricators for projectiles.
 Oil-wells, Blasting
 Oil-wells, Torpedoes for
 Ordnance-projectiles.
 Packing projectiles.
 Percussion-cap-filling machines.
 Percussion-cap holders.
 Percussion-cap-lining machines.
 Percussion-caps.
 Percussion-cap shells. (<i>See Class 53 A.</i>)
 Percussion-cartridges.
 Percussion-shells.
 Powder-flask chargers.
 Powder-flasks.
 Primers.
 Primers, Friction
 Projectiles, Casting. (<i>See Class 22.</i>)
 Projectiles, Compositions for coating and packing
 Projectiles for fire-arms.
 Projectiles for ordnance.
 Rock-blasting.
 Rocket-harpoons.
 Rockets, War
 Sabots for projectiles.
 Safety-fuses.
 Shell-fuses.
 Shells.
 Shells, Incendiary
 Shot.
 Shot-cartridges.
 Shot-chargers.</p> |
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Shot, Making. (*Pressed, Class 53*
A.)

Shot, Making. (*Cast, Class 22.*)

Shot-pouches.

Spherical-case shot.

Tape-fuses.

Tape-primers.

Time-fuses.

Torpedoes.

Torpedoes for oil-wells.

Torpedoes, Submarine

Wad punches. (*See Class 24.*)

CLASS 103.

PUMPS.

Water-elevators, Hydraulic Engines, Jacks, Meters, Presses and Rams; Water and Spirit Meters, Injectors, and Ejectors.

[For Manufacture of Valves and Stop-cocks, see Class 136; for Manufacture of Water-pipe Fittings, see Class 53, Section K.]

Beer-fountains.
 Beer pumps.
 Cellars, Draining.
 Cistern-pumps.
 Draining cellars.
 Drawing liquids.
 Ejectors, Liquid
 Elevators, Water
 Fire-engines, Hydraulic
 Fountain-levers.
 Fountains, Beer
 Gas-meters. (*See Class 98.*)
 Hydraulic buffers.
 Hydraulic elevators.
 Hydraulic engines.
 Hydraulic jacks.
 Hydraulic meters.
 Hydraulic motors.
 Hydraulic presses.
 Hydraulic rams.
 Injectors for steam-boilers.
 Jacks, Hydraulic
 Liquid-meters.
 Meters, Liquid
 Meters, Registering devices for.
 (*See Class 73.*)
 Meters, Spirit
 Meters, Water
 Presses, Hydraulic
 Pump-brakes.
 Pump-motions.
 Pump piston-rods.
 Pump-pistons.

Pumps.
 Pumps, Air. (*See Class 98.*)
 Pumps, Cattle
 Pumps, Centrifugal
 Pumps, Chain
 Pumps, Circular brake
 Pumps, Double-acting
 Pumps, Feed
 Pumps, Force
 Pumps, Hydraulic-press
 Pumps, Lift
 Pumps, Oil
 Pumps, Oscillating
 Pumps, Packing for
 Pumps, Rotary
 Pumps, Ships'
 Pumps, Submerged
 Pumps, Water
 Pumps, Wind-propelled
 Rams, Water
 Registering devices for meters.
 (*See Class 73.*)
 Spirit-meters.
 Steam fire-engines. (*For Engines, see Class 121.*)
 Steam-pumps. (*For Engines, see Class 121.*)
 Stop-cocks. (*See Class 136.*)
 Syringes.
 Valves. (*See Class 136.*)
 Water-elevators.
 Water-rams.

CLASS 104.

RAILWAYS.—1. THE "WAY."

Elevated, Pneumatic, Portable, and Street Railways; Crossings, Frogs, Gates, Guards, Joints, Rails, Splices, Switches, &c.

[For Manufacture of Railway Tracks, Irons, etc., see Class 107; Rolling Railway Rails, see Class 80.]

Bumping-posts.
 Car-replacers.
 Cattle-guards.
 Chairs, Railway
 Crossings, Railway
 Elevated railways.
 Fish-bars, Railway
 Frogs, Railway
 Gates, Railway
 Guards, Railway
 Joints, Railway
 Platforms, Railway
 Pneumatic dispatch-tubes.
 Pneumatic railways.
 Portable railways.
 Rails, Railway
 Railway bumping-posts.
 Railway cattle-guards.
 Railway-chairs.
 Railway-crossings.
 Railway fish-bars.
 Railway-frogs.
 Railway-gates.
 Railway-joints.
 Railway-rails.
 Railways.

Railway safety-guards.
 Railways, Elevated
 Railway-sleepers.
 Railway splice-pieces.
 Railways, Pneumatic
 Railways, Portable
 Railways, Street
 Railways, Track-laying
 Railway-switches.
 Railway-ties.
 Railway-track layers.
 Railway-track platforms.
 Railway turn-outs.
 Railway turn-tables.
 Rope-ways.
 Safety-guards for railway-tracks.
 Sleepers, Railway
 Splice-pieces, Railway
 Street railways.
 Switches, Railway
 Ties, Railway
 Track-laying railways.
 Track-raisers, Railway
 Turn-out, Railway
 Turn-tables, Railway
 Wire-ways.

CLASS 105.

RAILWAYS, 2.

Cars, their Varieties and Interior Fittings.

[*Manufacture of Railway-car Irons, see Class 107.*]

Adhesion-cars.
 Baskets, Car
 Berths, Car
 Box-cars.
 Car-couches.
 Car-roofs.
 Cars, Adhesion
 Cars, Box
 Cars, Cattle
 Cars, Coal
 Cars, Dummy
 Cars, Dumping
 Car-seats.
 Cars, Freight
 Cars, Gravel
 Cars, Hand
 Cars, Petroleum
 Cars, Revolving
 Cars, Safety
 Cars, Sleeping
 Cars, Stock
 Cars, Street
 Cars, Tank
 Cars, Wrecking

Car-windows.
 Cattle-cars.
 Coal-cars.
 Couches for railway-cars.
 Dummy-cars.
 Dumping cars.
 Freight-cars.
 Grain-cars.
 Gravel cars.
 Hand-cars.
 Mail-bag receiving and delivering
 apparatus.
 Petroleum-cars.
 Platform-cars.
 Revolving-cars.
 Safety-cars.
 Seats for railway-cars.
 Sleeping-cars.
 Stock cars.
 Street-cars.
 Tank-cars.
 Windows for railway-cars.
 Wrecking-cars.

CLASS 106.

RAILWAYS, 3.

Car-mountings and Exterior Fittings.

[*Manufacture of Railway-car Irons, see Class 107.*]

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| <p> Axle-boxes for railway-cars.
 Axles, Car
 Boxés, Railway-axle
 Brakes, Car
 Buffers, Car
 Bumpers, Car
 Cabs for railway-cars.
 Car-axle boxes.
 Car-axles.
 Car-brakes.
 Car-brakes, Automatic
 Car-brake shoes.
 Car-brakes, Pneumatic. (<i>See Class 121.</i>)
 Car-brakes, Steam-actuated. (<i>See Class 121.</i>)
 Car-buffers.
 Car-bumper springs.
 Car-cabs.
 Car-couplings.
 Car draw-bars.
 Car draw-heads.
 Car-pedestals.
 Car-platforms.
 Car-springs. </p> | <p> Car stake-holders.
 Car-standards.
 Car-starters.
 Car-truck frames.
 Car-trucks.
 Car-trusses.
 Car-wheels.
 Couplings, Car
 Cow-catchers.
 Draw-bars for railway-cars.
 Platform-bridges for railway-cars.
 Platforms for railway-cars.
 Plows, Snow
 Pneumatic car-brakes. (<i>See Class 121.</i>)
 Safety-guards for car-platforms.
 Safety-guards on cars.
 Snow-plows.
 Springs, Car
 Steam actuated car-brakes. (<i>See Class 121.</i>)
 Track-clearers.
 Trucks, Car
 Wheels, Car </p> |
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CLASS 107.

RAILWAY-IRONS. MANUFACTURE OF

Railway Track and Car-irons, Tires, Wheels, and Iron Fittings.

Axle-boxes, Making railway-car
 Axles, Making railway-car
 Axle, Making locomotive
 Car-wheels, Making wrought
 Chairs, Making railway
 Crossings for railways, Making
 Fish-bars for railways, Making
 Frogs for railways, Making
 Locomotive-axles, Making
 Locomotive-frames, Making
 Railway-car irons, Making
 Railway-chairs, Making

Railway-crossing, Making
 Railway-frogs, Making
 Railway metallic mountings, Mak-
 ing
 Railway-rails, Making
 Railway splice-pieces, Making
 Railway-wheels, Making
 Spikes, Railroad
 Spikes, Screw
 Splices for railways, Making
 Wrought-metal railway-wheels.

CLASS 108.

ROOFING.

Materials, Compositions, and Varieties.

(Except Girders and Trusses, Class 14.)

Brackets for eave-troughs.	Roofing-tiles, Manufacture of.
Brackets for roofs.	<i>(See Class 25.)</i>
Eave-troughs.	Roofs, <i>(except trusses, Class 14.)</i>
Fenders for roofs.	Roofs, Compositions and means
Girders for roofs. <i>(See Class 14.)</i>	for preserving
Gravel-heaters. <i>(See Class 126.)</i>	Shingles, Compositions and means
Gutters for roofs.	for preserving
Metallic roofing.	Shingling brackets.
Paper for roofs, Machines for pre-	Skylights, Devices for operating
paring	Slating.
Roofing-compositions.	Spouting for eaves.
Roofing processes.	Tiling for roofs.
Roofing-tiles.	Trusses for roofs. <i>(See Class 14.)</i>
	Zinc roofing.

CLASS 109.

SAFES.

Burglar, Fire, and Water-proof Safes and Vaults.

Burglar-proof safes.
Coin safes.
Filling for safes.
Fire-proof safes.
Lining for safes.
Portable safes.

Safe-locks. (*See Class 70.*)
Safes.
Safes, Lining for
Steam fire-proof safes.
Vaults, Safe
Water-proof safes.

CLASS 110.

SAWS.

Saws, Saw-mills, Sawing-machines.

*[For Saw-filing and Grinding see Class 51.**Saw-Gummers, Sets, and Swages . . . see Class 79.**Saw-making see Class 79.*

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| <p>Annular-saws.
 Band-saws.
 Cant-hooks.
 Chair-back-sawing machines.
 Circular-saws.
 Clapboard-sawing machines.
 Cross-cut saws.
 Cylindrical saws.
 Diamond-saws. (<i>See Class 125.</i>)
 Dogs for saw-mills.
 Drag-saws.
 Feed-devices for saw-mills.
 Felling trees, Machines for
 Gages for sawing-machines.
 Gate-saws.
 Hand-saws.
 Head-blocks for saw-mills.
 Hoops, Machines for sawing
 Ice-saws.
 Insertable saw-teeth.
 Meat-saws.
 Metal-saws.
 Muley-saws.
 Oars, Machines for sawing
 Pruning-saws.
 Rossing-machines.
 Saw-bucks.
 Saw-dust carriers.
 Saw-filing machines. (<i>See Class 51.</i>)
 Saw-frames.
 Saw-gages.
 Saw-gates.
 Saw-grinding machines. (<i>See Class 51.</i>)
 Saw-gummers. (<i>See Class 79.</i>)
 Saw-horses.
 Sawing-machines for chair-backs.
 Sawing-machines for clapboards.
 Sawing-machines for combs.
 Sawing-machines for hoops.
 Sawing-machines for laths.
 Sawing-machines for match-splints.
 Sawing-machines for oars.
 Sawing-machines for shingles.</p> | <p>Sawing-machines for splints.
 Sawing-machines for staves.
 Sawing-machines for veneers.
 Saw jacks.
 Saw-making. (<i>See Class 79.</i>)
 Saw-mills.
 Saw mills, Circular
 Saw-mills, Dogs for
 Saw-mills, Feed for
 Saw-mills, Gates for
 Saw-mills, Head-blocks for
 Saws.
 Saws, Amputation
 Saws, Annular
 Saws, Band
 Saws, Bow
 Saws, Circular
 Saws, Cross-cut
 Saws, Cylindrical
 Saws, Diamond. (<i>See Class 125.</i>)
 Saws, Drag
 Saw-sets. (<i>See Class 79.</i>)
 Saws, Gate
 Saws, Hand
 Saws, Hanging
 Saws, Ice
 Saws, Key-hole
 Saws, Meat
 Saws, Metal
 Saws, Pruning
 Saws, Scroll
 Saws, Stone. (<i>See Class 125.</i>)
 Saws, Straining
 Saws, Tenon
 Saws, Web
 Saws, Whip
 Saw-teeth.
 Scroll-saws.
 Spurs for saw-mills.
 Stone-saws. (<i>See Class 125.</i>)
 Teeth, Insertable saw
 Tenon-saws.
 Veneer-saws.
 Web-saws.
 Whip-saws.</p> |
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CLASS 111.

SEEDERS AND PLANTERS.

Machines for Sowing and Planting Seeds and Distributing Fertilizers.

[*For Manufacture of Agricultural Tools of Metal, see Class 81, Section B.*]

Broad-cast sowers.	Manure drills, Liquid
Cane Planters.	Manure-screens.
Cotton-seed for planting, Prepar- ing	Manure-sowers, Broad-cast
Dibblers, Hand	Manure-spreaders.
Dibbling-machines.	Manuring, Green
Drag-bars for drill-teeth.	Markers for seeding-machines.
Drill-rollers.	Planters, Corn
Drills, Grain	Planters, Cotton-seed
Drill-teeth.	Planters, Hand
Drop-drills.	Planters, Seed
Fertilizer-sowers.	Planters, Tobacco-seed
Grain-drills.	Seed-drills.
Hand-drills for grain.	Seed-droppers.
Hand-planters.	Seed for planting and sowing, Preparing
Land-markers.	Seed-planters.
Lime-spreaders.	Sowers, Broad-cast
Manure carts, Distributing	Sowers, Fertilizer
Manure-drills.	Sowers, Seed

CLASS 112.

SEWING-MACHINES.

Machines for Sewing, Stitching, Embroidery, Button-holing; Attachments and Appurtenances of Sewing-machines.

Binders for sewing-machines.
 Bobbins for sewing-machines.
 Bobbin-winders for sewing-machines.
 Box-plaiting attachments for sewing-machines.
 Braiders for sewing-machines.
 Button-hole sewing-machines.
 Clutch-pulleys for sewing-machines.
 Corders for sewing-machines.
 Creasers for sewing-machines.
 Feed-devices for sewing-machines.
 Fellers for sewing-machines.
 Embroidery-attachments for sewing-machines.
 Fringing attachments for sewing-machines.
 Gages for sewing-machines.
 Gatherers for sewing-machines.
 Guides for sewing-machines.
 Hemmers for sewing-machines.
 Leather-quilting machines.
 Markers for sewing-machines.
 Needle-setters for sewing-machines.
 Needle threaders for sewing-machines.
 Needles for sewing-machines.

Plaiters for sewing-machines.
 Presser-feet for sewing-machines.
 Rufflers for sewing-machines.
 Sewing-machines.
 Sewing-machines for boots and shoes.
 Sewing-machines for embroidery.
 Sewing-machines for making button-holes.
 Sewing-machines for sewing straw goods.
 Shuttle-drivers for sewing-machines.
 Shuttles for sewing-machines.
 Stitches for sewing-machines.
 Tape-trimming, Machines for making
 Tension-devices for sewing-machines.
 Thread-controllers for sewing-machines.
 Thread-cutters for sewing-machines.
 Thread-waxers for sewing-machines.
 Tuckers for sewing-machines.
 Wax-thread heaters for sewing-machines.

CLASS 113.

SHEET-METAL.

Modes, Machines, and Tools for the Manufacture of Sheet-metal Ware and other articles of Sheet-metal.

A.—Tools, Machines, and Processes.

<p>Bending sheet-metal. Brazing. Crimping sheet-metal. Dies for sheet-metal ware. Double-seaming machines for sheet-metal. Embossing sheet-metal. Folding sheet-metal. Grooving sheet-metal. Lead-cutters for printers. Mitering printers' rules. Ornaments for sheet-metal ware, Die Printers' rules, Cutting and mitering Punching sheet-metal. Roof-seaming machines. Rule-cutters for printers. Screw forming, Sheet-metal-</p>	<p>Seaming-machines, Sheet-metal Sheet-metal, Machines for working Sheet-metal, Processes for working ing Sheet-metal table-ware, Making Sheet-metal, Tools for working Sheet-metal ware, Making Solder. Soldering-furnaces. Soldering-implements. Soldering-processes. Soldering-tools. Spinning sheet-metal ware. Stamps for sheet-metal working. Swaging sheet-metal. Tin-plate working. Tin-scrap, Utilizing Tools for working sheet-metal. Wiring sheet-metal ware.</p>
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B.—Products.

<p>Barrels, Making sheet-metal Boilers, Making sheet-metal domestic Boxes, Making sheet-metal Britannia-ware. Buckets, Making sheet-metal Builders' sheet-metal ware. Cans, Making sheet-metal Candlesticks, Making sheet-metal Capsules for cans and bottles, Making ing Cisterns, Making sheet-metal Glaziers' points, Making Gutters, Making sheet-metal Gutter-tubes, Making sheet-metal Heaters for stoves and ranges, Making sheet-metal Kitchen furniture, Making sheet-metal Screw-caps, Making sheet-metal Screw-rings, Making sheet-metal Sheet-metal barrels and casks, Making</p>	<p>Sheet-metal boilers and cisterns, Making Sheet-metal boxes and cans, Making ing Sheet-metal buckets and pans, Making Sheet-metal capsules and rings, Making Sheet-metal gutters and spouting, Making Sheet-metal kitchen and table ware, Making Sheet-metal screw caps and rings, Making Spoons, Making Spouting, Making Stove-pipes, Making Stove-furniture, Making sheet-metal metal Table-furniture, Making sheet-metal metal Tin cans and boxes, Making</p>
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CLASS 114.

SHIPS, 1.

Construction, Masting, Rigging, Fittings.

Anchor-balls.
 Anchors.
 Anchors, Drift
 Anchor-shackles.
 Anchor-trippers.
 Architecture, Naval
 Armor-plating.
 Ballasting.
 Batteries, Floating
 Batteries, Submarine
 Bending sails.
 Berths, Floating
 Berths, Ships'
 Bilge-boards.
 Bilge-water, Discharging
 Binnacles.
 Bitts, Riding and towing
 Blocks, Bushings for
 Blocks, Snatch
 Blocks, Tackle
 Boats, Canal
 Boats, Ferry
 Boats, Ice-breaking
 Boats, Steam
 Boats, Torpedo
 Booms.
 Bridges, Deck
 Bridges, Paddle-box
 Bulkheads.
 Cabins, Floating
 Cable-grippers.
 Cable-hooks.
 Cable-nippers.
 Cables for vessels.
 Cables, Links for
 Cable-shackles.
 Cables, Securing
 Cable-stoppers.
 Calking.
 Calking-machines.
 Camels.
 Canal-boats.
 Cargo-ports.
 Center-boards.
 Chimneys, Operating ships'
 Clasps, Rigging
 Cleats.

Construction of vessels.
 Cringles.
 Dead-eyes.
 Dead-eyes for canal-boats.
 Dead-lights.
 Deck-bridges.
 Deck-covers.
 Deck-irons.
 Decks.
 Decks, Fire-proof
 Decks, Water-proof
 Docks, Floating
 Docks, Graving
 Draught of water, Ascertaining
 Ferry-boat locks.
 Ferry-boats.
 Fids.
 Fire-extinguishers on ships.
 Floating-batteries.
 Floating-berths.
 Floating-bridges.
 Floating-cabins.
 Floating-wharves.
 Floating-docks.
 Furling sails.
 Gaff-jaws.
 Gaffs.
 Galleys, Ships'
 Grain-levelers in vessels.
 Grapnels.
 Grappling-irons.
 Graving-docks.
 Grommets.
 Hanks for sails.
 Hawse-pipes.
 Hawser-clamps.
 Ice-boats.
 Ice-breakers.
 Iron blocks, Nautical
 Iron-clad vessels.
 Iron frames, Ships'
 Iron ribs, Ships'
 Iron vessels.
 Jaws for gaffs.
 Keels.
 Keelsons.
 Knee-formers.

- Knees.
 Lazy-jacks for sails.
 Leak-stoppers.
 Lighters.
 Lights, Deck
 Light-ships.
 Lights, Side
 Lining for ships.
 Locking apparatus for ferry-boats.
 Logs, Ships'. (*See Class 73.*)
 Mast-hoops.
 Masts.
 Monitors.
 Monitor-turrets.
 Mud-boats.
 Naval architecture.
 Paddle-box bridges.
 Parrel-blocks.
 Parrels.
 Paying-seams.
 Pilot-stands.
 Pipes, Chain-locker
 Port-hole closers.
 Port-holes, Submarine
 Propulsion of vessels. (*See Class 115.*)
 Protecting bulwarks.
 Protecting tiller-ropes.
 Puttying-machines for vessel seams.
 Railways, Marine
 Rams, Naval
 Reefing apparatus.
 Reefing sails.
 Ribs, Iron
 Riding-bitts.
 Rigging.
 Rigging-clasps.
 Rigging, Running
 Rigging, Setting up
 Rigging, Standing
 Rigging-stoppers.
 Rudders.
 Rudders, Attachments for
 Rudders, Hanging
 Rudders, Protecting
 Sail-clutches.
 Sail-hoops.
 Sails.
 Sails, Furling
 Sails, Making
 Sails, Reefing
 Scuppers.
 Securing cables and hawsers.
 Securing hatches.
 Shaping ships' timbers.
 Sheathing vessels.
 Ships' armor.
 Ships' berths.
 Ships' knees.
 Ships, Propulsion of
 Shot-hole stoppers.
 Snag-boats.
 Snubbers.
 Sounding apparatus. (*See Class 73.*)
 Sparring steamboats.
 Spars, Handling and hoisting
 Steering apparatus.
 Submarine vessels.
 Supporting vessels.
 Surge-relievers.
 Tables, Ships' cabin
 Tackle, Hoisting
 Tackle, Safety
 Thimble-machines for vessels.
 Thimbles, Nautical
 Tightening standing-rigging.
 Torpedo vessels.
 Tow-hooks.
 Tow-lines.
 Tracking vessels.
 Train-ways for boats. (*See Class 71.*)
 Travelers for masts and booms.
 Treenails.
 Trimming vessels.
 Trusses for vessels.
 Truss-hoops.
 Vessels.
 Vessels; Armor for
 Vessels, Construction of
 Vessels, Grain-levelers for
 Vessels, Iron
 Vessels, Iron-clad
 Vessels, Launching
 Vessels, Loading and unloading. (*See Class 57.*)
 Vessels, Propulsion of. (*See Class 115.*)
 Vessels, Steam
 Vessels, Submarine
 Vessels, Torpedo
 Vessels, Trimming
 Warping-bitts.
 Warping-checks.
 Wharf boats.
 Wharfs, Floating
 Yards to masts, Attaching

CLASS 115.

SHIPS, 2.

Propulsion of Vessels.

Canal-boats, Propulsion of
Hydraulic-propellers.
Paddle-wheels.
Propellers.
Propellers, Screw

Propelling in shoal water.
Screw-propellers.
Ships, Propulsion of
Vessels, Propulsion of

CLASS 116.

SIGNALS.

Audible and Visual Signals and Alarms, except Electrical.

Bell-hanging and Telegraphs other than Electrical.

Alarms, Bilgewater
 Alarms, Burglar
 Alarms, Fire
 Alarms, Fog
 Alarms, Household fire
 Alarms, Leak
 Alarms, Nautical
 Alarms, Shoal
 Alarms, Temperature
 Alarms, Till
 Alarms, Window
 Annunciators.
 Beacons.
 Beacons, Sonorific
 Bell-hanging.
 Bell-ringing.
 Bells.
 Bells, Clock
 Bilgewater-alarms.
 Bridge-signals.
 Buglar-alarms.
 Call-bells.
 Clock-bells.
 Crossing-signals, Railway
 Door-alarms.
 Door-bells.
 Draw-bridge signals.
 Fire-alarms, Household
 Fog-alarms.

Fog-bells.
 Gongs.
 Hotel-annunciators.
 Lanterns, Signal
 Leak-signals.
 Marine-signals.
 Nautical-alarms.
 Railroad-signals.
 Shoal-alarms.
 Signaling apparatus.
 Signal-bells.
 Signal-codes.
 Signal-lanterns.
 Signals, Fog
 Signals, Marine
 Signals, Pyrotechnic
 Signals, Railroad
 Signals, Semaphoric
 Signal-towers.
 Speaking-trumpets.
 Speaking-tubes.
 Switch-indicators.
 Switch-signals.
 Telegraphs, Acoustic
 Telegraphs, Optical
 Telegraphs, Pneumatic
 Telegraphs, Semaphoric
 Temperature-alarms.
 Window-alarms.

CLASS 117.

SILK.

Special appliances of Silk Filature and Working.

Cleaning silk.	Rollers for delivering silk.
Clearing silk.	Silk filature.
Cocooneries.	Silk manufacture.
Cocoon-lodgments.	Silk-worm frames.
Cocoons, Unwinding	Sizing silk.
Doubling silk.	Sorting silk.
Gaging silk.	Spinning silk.
Glossing silk.	Stretching silk.
Hurdles for silk winders.	Throwing silk.
Pressing silk.	Twisting silk.
Reeling silk.	Winding silk.

CLASS 118.

SPINNING.

[For Manufacture of Spinning Hardware, see Class 53, Section H.]

Banding-spindles.
 Bobbin-winders.
 Bobbins.
 Bolsters for spindles.
 Cap-spinning machines.
 Cop-tubes.
 Cop-tubes of paper, Machines for making
 Covering rollers.
 Doubling-machines.
 Drawing and twisting heads and tubes.
 Drawing-machines.
 Drawing-rollers.
 Drawing-rollers, Cleaners for
 Flyers.
 Fly-frames.
 Footsteps for spindles.
 Jack-spinning.
 Mottled yarns.
 Mottled yarns, Machines for making.

Mules.
 Pasting cops.
 Presser-flyers.
 Reels for spinning-machines.
 Rings for spinning.
 Ring-travelers.
 Rollers, Covering
 Roving-frames.
 Slubbing-frames.
 Spindles for spinning-machines.
 Spindles, Banding
 Speeders.
 Spindle-steps.
 Spinning-machinery.
 Spinning-wheels.
 Stop-motions for spinning-machines.
 Swifts.
 Throstles.
 Wheel-heads.

CLASS 119.

STABLING.

Care of Domestic Animals; Shelters, Stalls, Preparation of Food, Feeding, Currying.

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| <p>Agricultural furnaces and boilers.
 <i>(See Class 126.)</i>
 Animals, Preparing food for
 Cards, Currying
 Cattle-feeders.
 Cattle pens.
 Cattle-stalls.
 Cattle-ties.
 Chicken-coops.
 Chicken-houses.
 Chicken-nests.
 Chicken-raising apparatus.
 Chicken-roosts
 Corn-huskers and shellers. <i>(See</i>
 <i>Class 130.)</i>
 Corn-mills. <i>(See Class 83.)</i>
 Currycombs.
 Currying-tools.
 Cutters, Feed
 Cutters, Root
 Cutters, Straw, hay, &c.
 Egg-assorters.
 Egg-carriers.
 Egg-hatching apparatus.
 Egg-packers.
 Feed-mixers.
 Feed-racks.
 Feed-troughs.
 Fleece-tyers.
 Food for animals, Preparing
 Foot-lifters for horses.
 Forage-rations.
 Fowls, Coops, nests, and roosts for
 Grooming apparatus.
 Hay-racks for feeding.
 Hen's-nests.
 Hitching devices.
 Hitching-posts.
 Hog-pens.
 Hog-troughs.</p> | <p>Horse-washers.
 Incubators.
 Mangers.
 Nests for fowls.
 Nicking-horses, Apparatus for
 Pens, Cattle and hog
 Poultry-coops.
 Poultry-feeder, and houses.
 Poultry-houses.
 Poultry-nests.
 Racks, Hay-feeding
 Racks, Sheep
 Ration-packages for animals.
 Roosts for fowls.
 Root-cutters.
 Root-washers.
 Sheep-holders.
 Sheep-racks.
 Sheep-shearing machines.
 Sheep-shearing tables.
 Sheep-shears. <i>(See Class 30.)</i>
 Sheep-sheds.
 Sheep-taggers.
 Sheep-troughs.
 Silk-worm culture.
 Singeing tools.
 Stable-cleaners.
 Stables.
 Stalls for horses and cattle.
 Stanchions.
 Stock-feeders.
 Stocks for refractory animals.
 Stocks for shoeing animals.
 Straw-cutters.
 Troughs, Feed
 Vegetable-cutters.
 Vegetable-slicers.
 Vegetable-washers.
 Ventilating hay and grain.</p> |
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CLASS 120.

STATIONERY.

Writing Materials and Appliances ; Desk and Office Supplies.
 Address, Canceling, Numbering, and Seal Stamps.
 Cards, Checks, Labels, Seals, Tickets, Advertising Appliances and Signs.
 Mechanical Memoranda and Non-automatic Indicators.

[For the Manufacture of Metallic Articles of Stationery, see Class 53, Section I.]

<p>Adhesive fastenings for paper, etc. Advertising cards. Advertising devices. Advertising frames. Animal labels. Baggage-checks. Ballot-boxes. Bill-holders. Binders, Temporary Blotters, Book Blotters. Blotting-pads. Book-binders, Temporary Book-clamps. Book-cover protectors. Book-holders. Book-holders, Portable Book-markers. Books, Copying Books, Manifold-writing Book-supports. Bottles, Mucilage Boxes, Ballot Boxes, Conductor's check Boxes, Fare Boxes, Letter Boxes, Mail-distributing Boxes, Ticket Bulletin-boards. Bulletin-boards, Adjustable Calendars. Card-calendars. Card-cases. Card-holders. Card-racks. Cards. Checks, Baggage Checks, Conductors' Conductors' check-boxes.</p>	<p>Clips, Paper Copy-books. Copy-holders. Copying-books. Currency-holders. Desk paper-cutters. Distributing boxes, Mail Door-indicators. Door-plates. Envelope-openers. Envelope-fasteners. Erasers. Fare-boxes. Fasteners, Paper. (<i>See Class 24.</i>) Filers, Paper Frames, Advertising Illuminated signs. Indelible pencils. Indicators, Door Indicators, Station Indicators, Street Indicators, Time, (<i>non-automatic.</i>) Inkstands. Label-fasteners. Label-holders. Labels. Labels, Adhesive Letter-boxes. Letter-clips. Letter-files. Letter-openers. Letter-receiving boxes. Mail-distributing boxes. Mark-holders for bales. Mechanical memoranda. Memorandum-books. Mucilage-bottles. Mucilage-holders. Newspaper-clamps.</p>
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- Newspaper-covers.
 Office time-indicators, (*non-automatic.*)
 Paper-clamps.
 Paper-clips.
 Paper-fasteners. (*See Class 24.*)
 Paper-files.
 Pen-cases.
 Pencil-cases.
 Pencil-cleaners.
 Pencil-mark erasers.
 Pencils.
 Pencils, Compositions for indelible
 Pencil-sharpeners.
 Pen-holders.
 Pen makers, Quill
 Pen-racks.
 Pens.
 Pens, Fountain
 Pens, Rubber
 Pen-trays.
 Photographic albums.
 Pigeon-holes, Desk
 Plant-labels.
 Pocket-book fastenings.
 Pocket-books.
 Porte-crayons.
 Portemonnaies.
 Portfolios.
 Postal cards.
 Postage-stamp holders.
 Post-office boxes.
 Quill-pen makers.
 Railway-ticket holders.
 Record-books.
 Register-books.
 Register books, Hotel
 Ribbons for hand-stamps, Preparing
 Roll-blotters.
 Rubber erasers.
 Rulers, Desk
 Scrap-books.
 Show-cards.
 Signs.
 Signs, Illuminating
 Sponge cups.
 Stamp-holders.
 Stationery, Articles of
 Station-indicators, (*non-automatic.*)
 Street-indicators.
 Tablets, Compositions for
 Tablets, Writing
 Tag-holders.
 Tags.
 Temporary binders.
 Ticket-boxes.
 Ticket-holders.
 Ticket-racks.
 Tickets, Railway
 Time-indicators, (*non-automatic.*)
 Time-tables.
 Trunk-labels.
 Visiting-cards.
 Writing-cases.

CLASS 121.

STEAM, 1.

Engines, their Parts and Applications.

[*Except Valves, Class 136.*]

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| <p> Aëro-steam engines.
 Air-brakes for car, Steam-actuated
 Cataracts for steam-engines.
 Cocks. (<i>See Class 136.</i>)
 Cross-heads of steam-engines.
 Cut-off apparatus.
 Cut-off, Variable
 Cylinders, Steam
 Engines for operating rock-drills.
 Engines for operating steam-hammers.
 Engines for operating steam-pumps.
 Engines, Marine steam
 Engines, Oscillating
 Engines, Reciprocating
 Engines, Rotary
 Engines, Stationary
 Engines, Steam
 Engines, Steam fire
 Engines, Valve-gear for
 Expansion joints for steam-engines.
 Fire-engines, Steam
 Gaskets for steam-joints.
 Hammers, Steam-engines for
 Lubricators for pistons.
 Lubricators, Steam-operated
 Oscillating steam-engines.
 Packing for pistons.
 Packing for steam-joints.
 Piston-packing.
 Piston-rod packing.
 Piston-rods.
 Pistons. </p> | <p> Pneumatic car-brakes.
 Pumps, Steam
 Reciprocating steam-engines.
 Reversing gear for steam-engines.
 Rock-drills, Steam-engines for
 Rotary steam-engines.
 Stationary steam-engines.
 Steam-actuated car-brakes.
 Steam chests of engines.
 Steam-cylinder heads.
 Steam-cylinders.
 Steam-engines.
 Steam-engines for car-brakes.
 Steam-engines for hammers.
 Steam-engines for hoisting.
 Steam-engines for pumps.
 Steam-engines, Lubricators for
 Steam-engines, Valve-gear for
 Steam fire-engines.
 Steam hammers. (<i>See Class 78.</i>)
 Steam-packing
 Steam-piston packing.
 Steam-pistons.
 Steam-pumps.
 Steam-traps.
 Steam-valves. (<i>See Class 136.</i>)
 Stop motions for steam-engines.
 Stuffing-boxes.
 Stuffing-box packing.
 Traps, Steam
 Trunnions for steam-engines.
 Valve-gear for steam-engines.
 Valves. (<i>See Class 136.</i>) </p> |
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CLASS 122.

STEAM, 2.

Steam-Boilers, Super-heaters, Boiler-Setting, and Furnaces.

Except Registering Devices of Water, Vacuum and Steam-pressure Gages.]

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| <p>Boiler covering.
 Boiler-feeders.
 Boiler-flue cleaners.
 Boiler-flues.
 Boiler-setting, Steam
 Boilers, Furnace-doors for
 Boilers of steam-heaters.
 Boilers, Furnaces for
 Boilers, Steam
 Boilers, Setting steam
 Boiler-tile arrangements.
 Boiler-tubes, Devices for cleaning
 Boiler-tubes, Ferrules for
 Boiler-tubes, Tools for scaling
 Bridges, Steam-furnace
 Cleading for boilers.
 Cleading for cylinders.
 Collapse of boilers, Preventing
 Condensers, Jet
 Condensers of steam-engines.
 Condensers, Packing-tubes for
 Condensers, Surface
 Condensers, Tubular
 Covering for steam-boilers.
 Doors for steam-boiler furnaces.
 Draft-regulators for steam-boiler
 furnaces.
 Feeders, Steam-boiler
 Feed-water apparatus.
 Feed-water heaters for steam-
 boilers.
 Feed-water regulators.
 Fire-bars.
 Fire-extinguishers for boilers.
 Fire-regulators for steam-boilers.
 Floats for steam-boilers.
 Flue-boilers.
 Flue-cleaners.
 Flue-scrappers.
 Flues, Boiler
 Foam-collectors for steam boilers.
 Fuel, Apparatus for burning wet
 Fuel-feeders for steam-boiler fur-
 naces.
 Furnace-doors for steam-boiler
 furnaces.</p> | <p>Furnace-grates for steam-boiler
 furnaces.
 Furnaces, Steam-boiler
 Fusible plugs for steam-boilers.
 Gage-cocks. (<i>See Class 136.</i>)
 Gages for steam-boilers, (<i>except
 registering devices.</i>)
 Generators, Steam
 Grate-bars for steam-boilers.
 Hand-holes for boilers and tanks.
 Heaters, Boilers of steam
 High pressure alarms for steam-
 boilers.
 Hydro-carbon furnaces for steam-
 boilers.
 Incrustation in steam-boilers, Pre-
 venting
 Incrustation in steam-boilers, Re-
 moving
 Injectors for steam-boilers.
 Low-water alarms for steam-boil-
 ers.
 Low-water detectors for steam-
 boilers.
 Low-water indicators for steam-
 boilers.
 Manholes for boilers and tanks.
 Marine steam-boilers.
 Mud-collectors for steam-boilers.
 Pipes, Non-conducting covering
 for steam
 Regulators, Steam
 Safety-plugs for steam-boilers.
 Safety-tubes for steam-boilers.
 Scaling boilers, Tools for
 Sediment collectors for steam-
 boilers.
 Skimmers for steam-boilers.
 Smoke-pipes for boiler-furnaces.
 Spark-arresters.
 Spark-consumers.
 Steam-blast for furnaces.
 Steam-boiler-covering.
 Steam-boiler furnaces.
 Steam-boilers.
 Steam-cocks. (<i>See Class 136.</i>)</p> |
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Steam-generators.
Steam-heaters, Boilers of
Steam in furnaces, Use of
Steaming apparatus, Boilers of
Steam-pipes.
Steam-pipes, Non-conducting cov-
ing for
Steam-pressure gages.
Steam-pressure regulators.
Steam-pressure.
Steam-regulators
Steam-whistles.
Super-heaters for steam-boilers.
Tools for scaling boilers.

Tube-cleaners for steam-boilers.
Tube-plugs for steam-boilers.
Tubes for steam-boilers.
Tube-sheets.
Tubular boilers.
Vacuum-gages for steam-engines.
Water-gages for steam-boilers.
Water-heaters for steam-boilers.
Water-indicators for steam-boil-
ers.
Water pumps, Feed
Water-purifiers for steam-boilers.
Whistles for steam-boilers.

CLASS 123.

STEAM, 3.

Locomotives, Traction Engines, Portable Engines, and their special parts.

Agricultural engines.
 Ash-pans of locomotives.
 Blast-nozzles for steam-engines.
 Boilers, Locomotive
 Cow catchers.
 Dummies.
 Engines, Agricultural
 Engines, Dummy
 Engines, Locomotive
 Engines, Portable
 Engines, Steam-plow
 Engines, Traction
 Escape-pipes for steam-engines.
 Exhaust mechanism for steam-engines.
 Exhaust-nozzles for steam-engines.
 Exhaust-pipes for steam-engines.
 Furnaces, Locomotive
 Link-motion for steam-engines.

Locomotive-boilers.
 Locomotive-engines.
 Locomotive-furnaces.
 Locomotive-pumps.
 Locomotives.
 Locomotives, Fire boxes for
 Locomotives, Furnace-doors for
 Locomotive smoke-stacks.
 Locomotives, Reversing-gear for
 Locomotive valve-gear.
 Nozzles, Variable exhaust
 Portable-engines.
 Regulators, Exhaust
 Tanks for tenders.
 Tenders.
 Traction-engines.
 Variable exhaust for steam-engines.
 Valve-motions for locomotives.

CLASS 124.

STILLS.

Distillation and Refining of Spirits; Oils and Acids; Burning-fluids.

Acids, Distillation of
Alcohol, Apparatus for making
Alcohol, Materials for making
Burning-fluids.
Condensers of stills.
Deodorizing benzole.
Distillation.
Fire tests for hydro-carbons.
Grain for distillation, Preparing
Hydro-carbons, Manufacture of
Oil-refining.
Oil-stills.

Petroleum, Apparatus for treating
Petroleum stills.
Rectifying liquors.
Refining liquors.
Refining oils.
Revenue guards.
Spirits, Distillation of
Spirits, Rectification of
Stills.
Sulphuric acid, Recovering
Tar, Extracting
Turpentine-stills.

CLASS 125.

STONE, LIME, AND CEMENT.

Mining; Quarrying; Boring Rock; Stone, Marble, and Slate Working; Lime, Mortar, Concrete, and Cement.

[*Excepting Mortar and Concrete Mills and Mixers...see Class 25.*
Marble, Slate, and Stone Polishingsee Class 51.
Kilnssee Class 34.

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| <p>Artificial marble.
 Artificial slate.
 Artificial stone, (<i>except Grindstones, Class 51.</i>)
 Béton.
 Blasting. (<i>See Class 102.</i>)
 Boring rock.
 Burning lime.
 Carving stone.
 Cement, Fire-proof
 Cement floors and paving. (<i>See Class 94.</i>)
 Cement for lining pipes.
 Cement, Indurating.
 Cement-kilns.
 Cement, Plastic.
 Cements, Earthen
 Channeling stone.
 Coal-mining.
 Coal-mining buckets..
 Concretes.
 Cutting slate and stone.
 Diamond-drills.
 Diamond-planers.
 Diamond-saws.
 Dressing slate and stone.
 Drill-rod grabs.
 Drills, Diamond
 Drills, Expanding rock
 Drills for wells.
 Drills, Rock
 Drills, Stone
 Facing slate and stone.
 Finishing stone.
 Furrowing stone.
 Grabs, Drill-rod
 Grinding stone. (<i>See Class 51.</i>)
 Grindstones. (<i>See Class 51.</i>)
 Hammers, Millstone
 Hewing stone.
 Hydraulic cement.</p> | <p>Lewis for lifting stone.
 Lime-furnaces.
 Lime-kilns. (<i>See Class 24.</i>)
 Malaxators. (<i>See Class 25.</i>)
 Marble, Artificial
 Marble-polishing machines. (<i>See Class 51.</i>)
 Marble-working machines.
 Millstone bush-hammers.
 Millstone-hammers.
 Millstone-picks.
 Millstones.
 Millstone-scrappers.
 Mining.
 Mortar.
 Mortar-machines. (<i>See Class 25.</i>)
 Ornaments, Compositions for plaster
 Paving. (<i>See Class 94.</i>)
 Paving-stone, Preparation of
 Picks, Millstone
 Pipe, Cement
 Planing stone.
 Polishing slate and stone. (<i>See Class 51.</i>)
 Quarrying.
 Quarrying-machines.
 Rock-drills.
 Sand-cleaning machines.
 Sawing stone.
 Saws, Diamond
 Saws, Stone
 Scagliola.
 Scouring stone. (<i>See Class 51.</i>)
 Scrapers, Millstone
 Slate, Artificial
 Slate working machines.
 Splitting slate.
 Staining-compositions for marble and stone.
 Stone and cement, Indurating</p> |
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Stone, Artificial
Stone, Channeling
Stone, Compositions for porous
Stone-dressing.
Stone-drills.
Stone, Indurating
Stone-polishing. (*See Class 51.*)

Stone-saws.
Stone-staves for millers.
Stone-tools for working.
Stone-working machines.
Tunneling, Rock
Turning stone.

CLASS 126.

STOVES AND FURNACES.

Cooking and Heating Stoves, Furnaces and Ranges, Cooking Utensils, and Stove Appliances.

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| <ul style="list-style-type: none"> Agricultural boilers. Agricultural furnaces. Andirons. Ash-pans. Ash-pit covers. Bake-pans. Bakers' ovens. Bakers' ovens, Portable Base-burning fire-place heaters. Base-burning stoves. Bath-heaters. Boilers, Agricultural Boilers, Domestic Boilers for heaters. (<i>See Class 122.</i>) Broilers. Car-heaters. Carriage-heaters. Casters, Stove-leg Chafing-dishes. Charcoal-furnaces for cooking. Chimney-caps. Chimney-cleaners. Chimney-cowls. Chimneys. Coal-boxes. Coal-buckets. Coal-hods. Coal-scuttles. Coffee-percolators. Coffee-pots. Coffee-roasters. Coffee-urns. Cooking by gas. Cooking by lamps. Cooking by lime. Cooking by steam. Cooking-ranges. Cooking-stoves. Cooking-stoves, Base-burning Cooking-stove shields. Corn-poppers. Cowls. Cressets. Crickets for stoves, Heating Dampers for furnaces. Dampers for stoves. | <ul style="list-style-type: none"> Digesters for bones, fats, etc. Digesters for cooking. Dish-heaters. Domestic furnaces. Draught-regulators. Egg-boilers. Fire-backs. Fire-dogs. Fire-fenders. Fire-grates. Fire-irons. Fire-kindlers. Fire-lighters. Fire-place heaters, Base-burning Fire-places. Fire-plates for stoves. Fire-pokers. Fire-pots for stoves. Fire-shovels. Fire-tongs. Flat-iron heaters. Flue-cleaners. Foot-stoves. Foot-warmers. Frying-pans. Furnaces, Bath Furnaces, Charcoal Furnaces, Domestic Furnaces, Heating Furnaces, Hot-air Furnaces, Portable Gas-heaters. Gas-stoves. Glue pots. Grates for stoves. Grate-tippers. Gravel-heaters. Griddles. Gridirons. Handles for tea and coffee pots. Heaters. Heaters, Boilers of steam. (<i>See Class 122.</i>) Heaters, Hot-water Heaters, Railway-car Heaters, Steam |
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| <ul style="list-style-type: none"> Heaters, Street-car Heating-furnaces. Heating-irons. Heating skates, boots, &c. Heat-regulators. Hot-air furnaces. Hot-air furnace-doors. Hot closets for stoves. Hot-water heaters. Illuminators, Stove Kindling arrangements for stoves. Kindling baskets. Lard tanks for rendering. Lid-lifters, Stove Lifters for kettles, ovens, &c. Lifters for stove-lids. Linings for stoves. Lunch-heaters. Oils, Apparatus for boiling Ovens, Bakers' Ovens, Portable Ovens, Reel Ovens, Rotary Ovens, Stove Paint-burners. Paste-heating pots. Pea-nut roasters. Petroleum-burners for stoves. Pitch-heaters. Pokers, Fire Pot-covers. Radiators. Railway-car heaters. Ranges. Registers, Hot-air Regulators, Draught Regulators, Heat Rendering tanks. Roasters. Roller heaters. Sad-iron heaters. Showels and tongs. Skillets. Smoke-burners. Smoke-jacks. Spiders. Spits for roasting meat. Steam carving-tables. | <ul style="list-style-type: none"> Steam-cooking apparatus. Steam-heaters. Steam-heating tables. Stove-aprons. Stove-boilers. Stove-cover holders. Stove-covers. Stove-door handles. Stove-door linings. Stove-doors. Stove-drums. Stove-fasteners. Stove-flues. Stove-illuminators. Stove-irons. Stove-leg casters. Stove-legs. Stove-lid holders. Stove-lids. Stove-linings. Stove-pipe cleaners. Stove-pipe drums. Stove-pipe thimbles. Stove-pipes. Stove-plates. Stoves. Stoves, Base-burning Stoves, Camp Stoves, Coal Stoves, Coal-oil Stoves, Cooking Stoves, Foot Stoves, Gas Stoves, Heating Stoves, Lamp Stoves, Soapstone Stoves, Wood Stoves, Utensils Stoves, Window Street-car heaters. Tea-kettles. Tea-pots. Toasters. Urns for coffee, &c. Urn stands and heaters. Vegetable-boilers. Waffle-irons. Water-backs for ranges and stoves. |
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CLASS 127.

SUGAR.

Evaporation, Refining, and Chemical Processes; Salt Furnaces and Pans; Bone-black; Candy.

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| <ul style="list-style-type: none"> Animal-black. Beet-root sugar apparatus. Black, Animal Black, Bone Black, Ivory Bone-black filters. Bone-black furnaces. Bone-black, Processes for reviving Bone-black, Purifying Candy-cutters. Candy-making machines. Cane-juice, Treatment of Centrifugal filters. Confectionery. Confection-pans. Defecators for juices and sirups. Evaporators for saccharine juices. Evaporators for salines. Evaporators for vegetable extracts. Furnaces, Bone-black Furnaces, Salt Furnaces, Sugar Glucose, Manufacture of Grape-sugar, Manufacture of Grain, Manufacture of sugar from Lozenge-making machines. Maple-sugar, Manufacture of Mills, Cane. (<i>See Class 83.</i>) | <ul style="list-style-type: none"> Mills, Sorghum. (<i>See Class 83.</i>) Mills, Sugar. (<i>See Class 83.</i>) Molasses, Treatment of Pans for cooking in vacuo. Pans for making vegetable extracts. Pans, Sugar Pans, Vacuum Salt-furnaces. Sugar-furnaces. Sirup, Treatment of Skimmers for sugar-pans. Sorghum-evaporators. Sorghum manufacture. Sugar-breakers. Sugar-crushers. Sugar-filters. Sugar from grain, Obtaining Sugar-furnaces. Sugar-making processes. Sugar-mills. (<i>See Class 83.</i>) Sugar-mixing machine. Sugar-packers. (<i>See Class 83.</i>) Sugar-pans. Sugar-pan skimmers. Sugar-strainers. Sugar-refining. Vacuum-pans. |
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CLASS 128.

SURGERY.

Including Pharmaceutical Apparatus, Appliances for the Compounding and Administration of Medicine.

[*Except Artificial Limbs and other Prosthetic parts . . . Class 3.*
Dental Appliances Class 32.
Surgical Cutlery Class 30.]

Acoustic instruments.	Ear, Instruments for treating the
Acupuncturators.	Ex-sections, Apparatus for
Anæsthesia, Instruments for producing, (<i>except Refrigerative, Class 62.</i>)	Eye, Apparatus for treating the
Articulators.	Eye-cups.
Atmospheric baths.	Eye, Instruments for treating the
Bandages.	Eye-protectors.
Bandages, Catamenial	Eye-shades.
Bandages, Suspensory	Filters for medicinal preparations.
Bed-pans.	Fissure-needles.
Blister-spreaders.	Fomentations, Modes of applying
Blood, Instruments for infusing	Foot-stoppers for horses.
Blood, Instruments for propelling the	Forceps, Artery
Bone-elevators.	Forceps, Calculi
Breast-cups.	Forceps, Obstetrical
Breast-pumps.	Forceps, Polypus
Calculi, Instruments for extracting	Globule-machines.
Canes, Physicians'	Hemorrhage, Instruments for arresting
Capsules, Machines for making	Hernia, Instruments, for treating
Castrating-clamps.	Hypodermic syringes.
Catamenial sacks.	Inhalers.
Catarrhal-syringes.	Injectors, Medical
Catheters.	Irrigators for nose, vagina, etc.
Cauterizing-instruments.	Leeches, Mechanical
Chest-protectors.	Leucorrhœa, Instruments for treating
Chiropodic-instruments.	Life, Instruments for stimulating
Compresses.	Ligatures.
Corns, Instruments for removing	Ligatures, Instruments for adjusting
Cupping-instruments.	Lithotriptic-instruments.
Cups, Medicinal	Lithotritors.
Depurators.	Mechanical leeches.
Dermopathic-instruments.	Medicators.
Douche-instruments.	Medicinal powders, Instruments for putting up
Drinking-tubes for invalids.	Medicine-cases.
Drug-crushers.	Medicines, Instruments for administering
Dockholders for horses.	Medicines, Instruments for compounding
Dyspepsia, Instruments for treating	Medicine-spoons.
Ear, Apparatus for treating the	
Ear-explorers.	

- Menstruation, Instruments for arresting
 Milking-shields.
 Mortars, Pharmacutists'
 Movement-cure apparatus.
 Nasal-douches.
 Nasal-tubes.
 Needles, Surgeons'
 Nipples, Artificial
 Nipple-shields.
 Nitrous-oxide gas, Instruments for administering
 Nursery-bottles.
 Obstetric-apparatus.
 Ophthalmoscopes.
 Otoscopes.
 Pads for trusses.
 Percolators for medicinal solutions.
 Pessaries.
 Pharmaceutical apparatus.
 Piles, Instruments for treating
 Pills, Machines for making
 Plasters, Machines for spreading
 Porte-caustic.
 Powders, Appliances for putting up
 Powder injectors.
 Probangs.
 Probes.
 Prolapsus, Instruments for treating
 Pulmometers.
 Pumps, Stomach
 Respirators.
 Respiring apparatus.
 Rubbing apparatus for medical treatment.
 Scarificators.
 Sounds.
 Speculums, Anal
 Speculums, Vaginal
 Spermatorrhea, Instruments for treating
 Spoons, Medicinal
 Stethoscopes.
 Stomach-pumps.
 Strabismus-goggles.
 Supporters, Abdominal
 Supporters, Menstrual
 Supporters, Obstetrical
 Supporters, Pile
 Supporters, Uterine
 Supporters, Vaginal
 Suppositories.
 Suspensory-bandages.
 Suture-instruments.
 Syringes, Catarrhal
 Syringes, Elastic-bulb
 Syringes, Enema
 Syringes, Eye
 Syringes, Hemorrhoidal
 Syringes, Penis
 Syringes, Vaginal
 Tape-worm, Apparatus for removing
 Tenaculums.
 Therapeutic applications of heat, cold, air, vacuum.
 Tonsils, Instruments for operating on the
 Topical applications, Appliances for
 Tourniquets.
 Trephines.
 Trusses.
 Uterine-sounds.
 Uterine-suppositories.
 Vaccinators.
 Vacuum-cups.
 Vapor-inhalers.
 Varicose veins, Bandages for

CLASS 129.

TANNING.

Treatment of Hides and Manufacture of Leather.

[For *Enameling and Japanning of Leather*, see Class 91.]

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| <p>Artificial leather. (<i>See Class 91.</i>)
 Bark, Extracts of
 Bark-leaches.
 Bark-mills. (<i>See Class 83.</i>)
 Bating hides.
 Blacking leather, Compositions for
 Boarding leather.
 Currying-machines.
 Currying-tools.
 Depilating hides.
 Dressing leather.
 Finishing leather.
 Graining leather.
 Hides, Dressing
 Leather, Artificial. (<i>See Class 91.</i>)
 Leather-boarding.
 Leather-cloth. (<i>See Class 91.</i>)
 Leather, Compositions for treating</p> | <p>Leather, Compounds of waste
 Leather-dressing
 Leather-enameling. (<i>See Class 91.</i>)
 Leather-finishing.
 Leather-graining.
 Leather-japanning. (<i>See Class 91.</i>)
 Leather, Manufacture of
 Leather, Water-proofing
 Parchment.
 Skins, Treatment of
 Tanning-machines.
 Tanning-materials.
 Tanning-processes.
 Tawing leather.
 Vats, Tanning
 Water-proofing leather.
 Whitening leather.</p> |
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CLASS 130.

THRASHING.

Machines for Husking, Thrashing, Shelling, Winnowing, and Stacking.

Band-cutting machines for thrashers.	Grain-thrashers.
Clover-hullers.	Grain-winnowers.
Corn-cribs.	Granaries.
Corn-husking gloves.	Grain-seed separators.
Corn-husking machines.	Hay stackers.
Corn-shellers.	Hullers, Clover
Fanning-mills.	Huskers, Corn
Flails.	Husking-gloves.
Fodder stands.	Husking-pins.
Grain-bins.	Husking stools.
Grain-conveyors. (<i>See Class 57.</i>)	Registers, Grain. (<i>See Class 73.</i>)
Grain elevators. (<i>See Class 57.</i>)	Stackers.
Grain registers. (<i>See Class 73.</i>)	Straw-carriers.
Grain-riddles.	Straw-stackers.
Grain-screens.	Thrashing-floors.
Grain-separators.	Thrashing-machines.
	Winnowing-machines.

CLASS 131.

TOBACCO.

Processes, Machinery, and Appliances for the Manufacture and Use.

Cigar-cases.	Tobacco-cartridges.
Cigarette-fillers.	Tobacco-curing, (<i>Except Drying,</i>
Cigarettes.	<i>Class 34.</i>)
Cigar-holders.	Tobacco-cutting.
Cigar-making.	Tobacco flavoring.
Cigar-molds.	Tobacco-granulating machines.
Cigar-presses.	Tobacco-hooks.
Cigars.	Tobacco packing.
Flavoring tobacco.	Tobacco-pipes.
Meerschaums.	Tobacco-pipe stems.
Mouth-pieces for cigars and pipes.	Tobacco-pouches.
Pipes, Tobacco	Tobacco preparing.
Pouches, Tobacco	Tobacco-presses. (<i>See Class 100.</i>)
Smoking-pipes.	Tobacco sheeting.
Snuff-boxes.	Tobacco stemming.
Snuff-sifters.	Tobacco-stoppers.

CLASS 132.

TOILET.

Articles and Appliances for the Toilet and Hair-working.

Barbers' appliances.	Hair-tweezers.
Bobbins for weaving hair.	Head-nets, Ladies'
Braiding, Hair	Jewel-boxes.
Brushes. (<i>See Class 15.</i>)	Mirrors. (<i>See Class 45.</i>)
Chignons.	Mustache-guard.
Comb-cleaners.	Pomatum-cases.
Combs.	Powder-boxes, Cosmetic
Curling-irons.	Puffs.
Curls.	Puffing-irons.
Dressing-cases.	Rats.
Frames for weaving hair.	Razors. (<i>See Class 30.</i>)
Hair-crimpers.	Shampooing-appliances.
Hair-curlers.	Shaving-cases.
Hair-cutting machines.	Shears, Hair-cutting. (<i>See Class</i>
Hair-nets.	30.)
Hair-parting instruments.	Switches, Hair
Hair-pincers.	Tooth-picks.
Hair-pins.	Waterfall head-dresses.
Hair-rolls.	Weaving and working human hair.
Hair-tongs.	Wigs.
Hair-trimmings.	

CLASS 133.

TRUNKS.

Traveling and Military Accouterments, *except Mess-kits.*

[*For Manufacture of Metallic Portions of Trunks, see Class 53, Section J.*]

Accouterments, Military	Military accouterments.
Awnings.	Portmanteaus.
Awnings, Detachable	Saddle-bags.
Bags, Carpet	Satchel-fastenings.
Bags, Mail	Satchels.
Bags, Saddle	Shawl-straps.
Bags, Traveling	Slinging-accouterments.
Bayonet-frogs.	Tents.
Bayonet-scabbards.	Traveling-bags.
Boxes, Cartridge	Traveling-flasks
Boxes, Hat	Trunk-corners.
Braces for trunks.	Trunk-frames.
Carpet-bags.	Trunk-guards.
Carpet-bag frames.	Trunk-handles.
Hat-boxes, Leather	Trunk-lid guides.
Holsters.	Trunk-lid supporters.
Knapsacks.	Trunks.
Knapsack-slings.	Trunks and traveling-bags, Spe-
Mail-bag fasteners, (<i>except Locks,</i>	cial tools for
<i>Class 70.</i>)	Trunk-stays.
Mail-bags.	Valises.

CLASS 134.

TUBING AND WIRE.

Manufacture of Wrought-metal and Drawn-metal Tubing and Wire.

Barrels, Making gun	Lead pipe.
Brass tubes, Machines for making	Lead pipe lining.
Coiling-pipes.	Lead pipe, Machines for making
Coiling-tubes.	Lining cylinders.
Draw-benches.	Lining gun-barrels.
Drawing-metals.	Lining metallic pipes.
Draw-plates for tubing.	Lining tubes.
Draw-rolls for tubing.	Tubes.
Drawing-tubes.	Tubes, Bushing
Ferrules.	Tubes, Casing
Expanding-tubes.	Tubes, Ornamenting
Gun-barrels, Making	Tubing.
Iron pipe making, Welded	Welded-pipe making.

CLASS 135.

UMBRELLAS AND FANS.

Canes, Fans, Parasols, and Umbrellas:

[For Manufacture of the Metallic Parts of the above, see Class 53, Section I.]

Automatic fans.	Umbrella and cane combined.
Cane and seat combined.	Umbrella-cases.
Canes, Ferrules for walking	Umbrella-covers.
Canes, Walking	Umbrella-fasteners.
Fan-folding machines.	Umbrella-ferrules.
Fans, Automatic	Umbrella-frames.
Fans for chairs.	Umbrella-joints.
Fans for sewing-machines.	Umbrella ribs and stretchers.
Handles for canes.	Umbrella-runners.
Handles for umbrellas.	Umbrella-supporters.
Parasols.	Umbrella-tips.
Sun-shades.	Umbrellas.

CLASS 136

VALVES.

Cocks, Faucets, Taps, Valves for all Fluids.

[For the Manufacture of Water and Gas Fittings, see Class 53, Section K.]

Balanced valves.	Stop-cocks.
Ball-cocks.	Stop-valves.
Beer-taps.	Taps for liquors.
Bottle-faucets.	Throttle-valves.
Check-valves.	Valve-gear, Steam-engine. (<i>See</i>
Cocks.	<i>Class 121.</i>)
Cocks, Blow-off	Valve-regulators.
Cocks, Feed	Valves, Arrangement of
Cocks, Gage	Valves, Automatic
Cocks, Oil	Valves, Back-pressure
Cocks, Self-closing	Valves, Balance
Cocks, Steam	Valves, Butterfly
Cocks, Stop	Valves, Check
Cocks, Try	Valves, Clack
Cocks, Water	Valves, Core
Cut-off valves.	Valves, Cut-off
Escape-valves.	Valves, Disk
Faucet-filters.	Valve-seats.
Faucets.	Valves, Escape
Faucets, Basin	Valves for gas-engines.
Faucets, Boring	Valves for syringes.
Faucets, Hot-water	Valves, Globe
Faucets, Molasses	Valves, Governor
Filter-faucets.	Valves, Oscillating
Gates, Molasses	Valves, Piston
Globe-valves.	Valves, Pump
Governor-valves.	Valves, Puppet
Hydrants, Cocks for	Valves, Rotary
Hydrant-valves.	Valves, Safety
Lock-up safety-valves.	Valves, Slide
Molasses-gates.	Valves, Spring-balance
Oscillating-valves.	Valves, Steam
Piston-valves.	Valves, Stop
Pump-valves.	Valves, Throttle
Puppet-valves.	Valves, Trimmer
Rotary-valves.	Valves, Water-closet
Safety-valves.	Valve-tubes.
Slide-valves.	Water-closet valves.
Steam-valves.	Water-valves.

CLASS 137.

WATER-DISTRIBUTION.

Including Well-tubing, Filters, Pipes, and Coupling.

[For the Manufacture of Water and Gas Fittings, see Class 53, Section K.]

Anti-concussion devices for water-pipes.	Mains, Gas
Artesian-well tubing.	Mains, Water
Ash leaches.	Nozzles for fire-engines.
Bark leaches.	Nozzles for hose.
Barrel washers.	Nozzles for oil-cups.
Couplings, Pipe	Packing for well-tubes.
Driven-wells. (<i>See Class 37.</i>)	Pipe-couplings.
Filters.	Pipe-protectors.
Filters, Globe	Pipes, Water and gas
Filters, Tube	Rain-water cut-offs.
Filters, Well-tube	Rose-heads.
Fire-plugs.	Sampling tubes.
Fish traps for water-pipes.	Street-sprinkling carts.
Fountains.	Street-washers.
Funnels.	Siphons.
Hose-clamps.	Spouting.
Hose-couplings.	Tube-couplings.
Hose-nozzles.	Tube-filters.
Hose-pipes.	Tube-wells. (<i>See Class 37.</i>)
Hydrant-pipe stops.	Tubing, Well. (<i>See Class 37.</i>)
Hydrants.	Velinches.
Hydrants, Filtering	Water-tanks for railways, etc.
Hydrants, Waste for	Wells, Artesian. (<i>See Class 37.</i>)
Irrigating-apparatus.	Well-tubes.
Irrigating-carts.	Well-tubes, Filters for
Leaches.	Well-tubes, Packing for
	Well-tubes, Strainers for

CLASS 138.

WATER-WHEELS.

Chutes for water.

Current-wheels.

Forebays.

Gates for water-wheels.

Penstocks.

Tide-wheels.

Turbines.

Water-wheels.

CLASS 139.

WEAVING.

Looms, their Mechanisms, Parts, and Products.

[For Manufacture of Weaving Hardware, see Class 53, Section H.]

Bags, Woven
 Basket-covering for bottles.
 Basket-making.
 Basket-making machines.
 Baskets, Weaving
 Belting, Woven
 Binding, Woven
 Blinds, Woven
 Bobbins for shuttles.
 Bullion, Machines for making
 Carpet fabrics.
 Carpeting.
 Carpet-lining machines.
 Carpet-rag looper.
 Chenille-machines.
 Circular looms.
 Coach-lace.
 Corded fabrics.
 Crinoline, Weaving
 Cut-piled fabrics.
 Double-piled fabrics.
 Druggets.
 Fabrics, Carpet
 Fabrics, Corded
 Fabrics, Cut-piled
 Fabrics, Double-piled
 Fabrics, Elastic
 Fabrics, Figured
 Fabrics, Horse-hair
 Fabrics, Piled
 Fabrics, Shaped
 Fabrics, Straw
 Fabrics, Terry
 Fabrics, Tubular
 Fabrics, Woven
 Figured fabrics.
 Flannels.
 Fringes.
 Gauze.
 Hair cloth, Machines for making
 Harness for looms.
 Harness, Machines for making
 loom
 Hats, Weaving
 Heddles.
 Horse-hair fabrics.

Hose, Weaving
 Jacquard apparatus.
 Let-off motions for looms.
 Looms.
 Looms for cross-weaving.
 Looms for curvilinear weaving.
 Looms for weaving bags.
 Looms for weaving baskets.
 Looms for weaving belting.
 Looms for weaving blinds.
 Looms for weaving cane.
 Looms for weaving caps.
 Looms for weaving carpets.
 Looms for weaving cases for bot-
 tles.
 Looms for weaving corded fabrics.
 Looms for weaving counterpanes.
 Looms for weaving crinoline.
 Looms for weaving cut-piled fab-
 rics.
 Looms for weaving double-piled
 fabrics.
 Looms for weaving elastic fabrics.
 Looms for weaving figured fab-
 rics.
 Looms for weaving fringes.
 Looms for weaving hats.
 Looms for weaving horse-hair.
 Looms for weaving hose.
 Looms for weaving ingrain car-
 pets.
 Looms for weaving matting.
 Looms for weaving metallic tis-
 sues.
 Looms for weaving piled fabrics.
 Looms for weaving ribbons.
 Looms for weaving satin.
 Looms for weaving scarfs.
 Looms for weaving shaped fabrics.
 Looms for weaving shawls.
 Looms for weaving sieve-cloth.
 Looms for weaving silk.
 Looms for weaving slats.
 Looms for weaving straw fabrics.
 Looms for weaving terry fabrics.

Looms for weaving tubular fabrics.	Reed setter.
Looms for weaving velvets.	Reeds for looms, Machines for making
Looms for weaving wire.	Shedding-apparatus.
Looms for weaving woolen cloth.	Shuttle-boxes.
Loopers for carpet-rags.	Shuttle-boxes, Actuating
Machines for making welt-bindings.	Shuttle-checks.
Matting.	Shuttles.
Pattern-cards.	Shuttle-spindles.
Pattern-chains.	Sieve-cloth, Weaving
Pattern-cylinders.	Stop-mechanisms for looms.
Picker-checks.	Take-up motions for looms.
Picker-motions.	Tape.
Picker-staves.	Temples, Loom
Pickers.	Warp-beams.
Pile-wire actuating-mechanisms.	Weavers' harness, Machines for making
Pile-wires.	Weaving baskets.
Power-looms.	Weft-forks.
Reeds for looms.	Wire, Looms for weaving

CLASS 140.

WIRE-WORKING.

Cables, Fences, Screens, and Sieves of Wire.

Annealing wire.	Twisting wire.
Ash-sifters.	Wire-annealing.
Bending wire.	Wire-bending.
Bird-cages.	Wire-brushes.
Blinds, Woven-wire	Wire-cables.
Brushes, Wire	Wire-cloth crimping, Machines for
Cables for sub-marine telegraphs.	Wire-coiling.
Cables for suspension-bridges.	Wire-covering.
Cables, Wire	Wire dish-covers, Making
Coal-screens.	Wire dish-stands, Making
Coal-sifters.	Wire-drawing.
Coiling wire.	Wire fabrics.
Corrugating wire. .	Wire-fences, Panels for
Covering of wire, wire ropes, and cables.	Wire-gauze.
Draw-plates for wire.	Wire heddles for weavers' har- ness, Making
Flour-sieves.	Wire-making.
Harness for looms, Making wire	Wire-pointing.
Panels of wire.	Wire-rolling.
Pliers, Wire-cutting	Wire ropes.
Pointing wire.	Wire screens.
Rolling wire.	Wire shoe-pegs.
Rope, Wire	Wire sifters.
Safes, Wire-work for kitchen	Wire springs, Making
Sand-screens.	Wire-straightening.
Screens of wire.	Wire strainers.
Sieves of wire.	Wire-twisting.
Sifters.	Wire with wire for skirt-hoops, &c., Covering
Sifting-machines.	Wire-working for ornamental fences.
Skirt-hoops, Covering wire with wire for	
Suspension-bridge cables.	
Tools for working wire.	

CLASS 141.**WOOD SCREWS.**

The Article and its Manufacture.

Capping screws.

Coffin-screws, Making

Cutting wood screws.

Screw-blanks, Cutting

Screw-blanks, Feeding

Screw-blanks, Making

Screw-blanks, Threading

Screws, Swaging

Wood screws.

Wood screws, Machines for making

CLASS 142.

WOOD-WORKING, 1.

Lathes and Wood-turning.

<p>Axe-handles, Machines for turning Axles, Machines for turning Bowls, Machines for turning Boxes, Machines for turning wooden Bungs, Machines for turning Buttons, Machines for turning Centers for wood-lathes. Chucks for wood-lathes. Clothes-pins, Machines for turning Corks, Machines for polishing Corks, Machines for turning Dogs for wood-lathes. Dowels, Machines for turning Fluting-lathes, Wood Frames, Machines for turning round and oval Gun-stocks, Machines for turning Handles, Machines for turning Hat-blocks, Machines for turning Hubs, Machines for turning Lasts, Machines for turning Lathe-dogs for wood-lathes. Lathes for turning irregular forms. Lathes, Mandrels for wood</p>	<p>Lathes, Wood Oars, Machines for turning Oval frames, Machines for turning Pegs, Machines for turning Pins, Machines for turning bed- stead and clothes Plow-handles, Machines for turn- ing Plugs, Machines for turning Rests for wood-lathes. Snaths, Machines for turning Spools, Machines for boring Spools, Machines for turning Spokes, Machines for turning Tool-rests for wood-lathes. Tools for wood-lathes. Tree-nails, Machines for turning Turning irregular forms. Wooden boxes, Machines for turn- ing Wooden pins, Machines for turn- ing Wooden screws, Machines for turning Wood-lathes.</p>
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CLASS 143.

WOOD-WORKING, 2.

Machines for General Work.

[*Except Sawing-machines, Class 110.*]

Boring-machines, (wood.)	Planing-machines, (wood.)
Carving-machines.	Polishing-machines, (wood.)
Cutter-heads of planing-machines.	Rabbeting-machines.
Cutters of molding and planing machines.	Sand-papering machines.
Dovetailing machines.	Sawing-machines. (<i>See Class 110.</i>)
Dressing-machines, (wood.)	Saw-mills. (<i>See Class 110.</i>)
Hewing-machines.	Shaving-horses.
Molding-machines, (wood.)	Slitting timber, Machines for
Mortising-machines.	Slivering-machines.
	Tenoning-machines.

CLASS 144.

WOOD-WORKING, 3.

Machines for Special Work.

- Axle-setters.
 Axles, Machines for making wooden
 Bark-cutting machines.
 Bark, Machines for planing
 Bark, Machines for pressing
 Barrel-heads.
 Barrel-heads, Machines for making
 Barrels, Machines for making
 Baskets, Machines for making
 Basket-splints, Machines for making
 Bending wood, Machines for
 Blind-slats, Machines for planing
 Blind-slats, Machines for tenoning
 Blind-slats, Machines for wiring
 Blinds, Machines for making
 Blind-splints, Machines for making
 Blind-stiles, Machines for making
 Blind-stiles, Machines for mortising
 Blind-stiles, Machines for piercing
 Blind-stiles, Machines for spacing
 Blocks, Machines for making nautical
 Blocks, Machines for making wooden paving
 Boxes, Machines for making wooden
 Broom-handles, Machines for making
 Broom-splints, Machines for making
 Brush-backs, Machines for making
 Brush-handles, Machines for making
 Buckets, Machines for making
 Bundling firewood, Machines for
 Cane, Machines for polishing
 Cane, Machines for splitting
 Cane, Machines for stripping
 Cane-strippers.
 Caning chairs, Instruments for
 Carpenters' machines.
 Casks, Machines for making
 Chair-backs, Machines for dressing
 Chair-backs, Machines for rounding
 Chair-seats, Machines for boring
 Chair-seats, Machines for planing
 Chairs, Instruments for caning
 Chair-stuff, Machines for scraping
 Clap-boards, Machines for gaging
 Clap-boards, Machines for planing
 Clothes-pins, Machines for making
 Clothes-pins, Machines for slotting
 Cogs on wooden wheels, Machines for cutting
 Cogs, Machines for making
 Comb-making machines.
 Coopers' machines.
 Cutting dyewood.
 Dipping-frames for matches.
 Doors, Machines for making
 Drums, (keg,) Machines for making
 Dyewood, Machines for cutting
 Eave troughs, Machines for making wooden
 "Excelsior," Machines for making
 Fellies, Machines for bending
 Fellies, Machines for boring
 Fellies, Machines for planing
 Fire-wood, Machines for bundling
 Fire-wood, Machines for splitting
 Frames, Machines for making saw
 Frames, Machines for making slate
 Gear, Machines for cutting wooden
 Girdling trees, Machines for
 Grooving lumber, Machines for

- Gutters, Machines for making wooden
 Handles, Machines for making wooden
 Hoops, Machines for bending
 Hoops, Machines for cutting
 Hoops, Machines for dressing
 Hoops, Machines for splitting
 Horn, Machines for working in Horn-molding.
 Hubs, Machines for boring
 Hubs, Machines for centering
 Hubs, Machines for mortising
 Hubs, Machines for setting boxes in
 Ivory, Machines for working in
 Joists, Machines for dressing
 Kegs, Machines for making
 Lasts, Machines for cutting
 Lasts, Machines for making
 Lasts, Machines for polishing
 Lath, Machines for cutting
 Lath, Machines for splitting
 Match-blocks, Machines for making
 Matches, Dipping frames for
 Matches, Machines for pointing
 Matches, Machines for making
 Matches in frames, Machines for putting
 Matches, Machines for rounding
 Matches, Machines for splitting
 Match-splints, Framing
 Match-splints, Machines for making
 Nautical-blocks, Machines for making
 Oars, Machines for dressing
 Oars, Machines for planing
 Oars, Machines for riving
 Osier-peelers.
 Palm-leaves, Machines for splitting
 Panels, Rabbeting door
 Paving-blocks, Machines for making
 Pencils, Machines for making
 Pegs, Machines for making
 Pegs, Machines for making shoe
 Pegs, Machines for pointing
 Pegs, Machines for splitting
 Picket-pointers.
 Pickets, Machines for making
 Pins, Machines for cutting clothes
 Pins, Machines for slotting clothes
 Pipes, Wooden
 Plane-stocks, Machines for making
 Plow-handles, Machines for bending
 Plow-handles, Machines for dressing
 Plugs, Machines for cutting wooden
 Pointing rails, pickets, matches, &c.
 Post-borers.
 Railway ties, Machines for dressing
 Rake-teeth, Machines for making
 Rattan, Machines for cutting
 Rattan, Machines for dressing
 Rattan, Machines for polishing
 Rattan, Machines for reducing
 Rattan, Machines for slitting
 Rattan, Machines for splitting
 Rattan, Machines for stripping
 Rings, Machines for cutting wooden
 Rossing bark.
 Rossing dye-stuffs.
 Sand-papery machines.
 Sash, Machines for making
 Sash, Machines for mortising
 Sash, Machines for planing
 Scale-board, Working
 Sharpeners, Picket and pole
 Shingle binders.
 Shingles, Machines for jointing
 Shingles, Machine for planing
 Shingles, Machines for riving
 Shoe-pegs, Machines for making
 Shoe-soles, Machines for making wooden
 Shovel-handles, Machines for making
 Skewers, Machines for making
 Slate-frames, Machines for making
 Snaths, Machines for bending
 Snaths, Machines for finishing
 Snaths, Machines for rounding
 Splints for baskets, blinds, brooms, and matches.
 Splitting firewood, Machines for
 Spokes, Machines for driving
 Spokes, Machines for planing
 Spokes, Machines for polishing

- Spokes, Machines for tenoning
Spools, Machines for boring
Staves, Machines for bilging
Staves, Machines for crozing
Staves, Machines for dressing
Staves, Machines for howeling
Staves, Machines for jointing
Staves, Machines for riving
Stumps, Machines for cutting
Table-leaves, Jointing
Tire setters.
Tire tighteners.
Tobacco-pipes, Machines for making wooden
Tooth-picks, Machines for making
Tortoise-shell, Machines for working in
Trays, Machines for making wooden
Treenails, Machines for making
Troughs, Machines for making wooden
Veneering.
Veneers, Machines for cutting
Veneers, Machines for planing
Veneers, Machines for polishing
- Veneers, Machines for pressing
Veneers, Machines for straightening
Wainscoting, Making
Washboards, Machines for making
Wedges, Machines for making
Whalebone, Machines for dressing
Whalebone, Machines for splitting
Wheelwrights' machines.
Willow-peeling.
Willow-shaving machines.
Withes, Machines for twisting
Wood-bending machines.
Wood-bundling machines.
Wooden bowls, Machines for making
Wooden trays, Machines for making
Wooden-ware, Machines for making
Wood-gear cutting.
Wood-polishing machines.
Wood-splitting machines.

CLASS 145.

WOOD-WORKING, 4.

Tools.

[For Manufacture of Wood-working Metallic Tools, see Class 81, Section B.]

Adzes.	<i>See Class 81.)</i>
Annular bits.	Countersink-bits.
Augurs. (Wood.)	Cutting-gages.
Awls. (Wood.)	Deck-scrapers.
Ax-helves.	Dogs, Bench
Axes.	Drawing-knives.
Bands for handles.	Edge-planes. (Wood.)
Bench-clamps.	Expanding-bits.
Bench-dogs.	Extractors, Bolt, nail, spike, tack
Benches for carpenters, joiners, &c.	Frows.
Bench-fittings.	Gages, Cutting
Bench-hooks.	Gages, Scribing
Bench-planes.	Gimlets.
Bench-strips.	Glue hoppers.
Bench-vises. (Wood-working.)	Glueing tables.
Bits, Boring. (Wood.)	Gouges.
Bit-stocks.	Hammers, Claw
Bolt-extractors.	Handles to tools, Attaching
Boring-bits.	Handles, Tool, (<i>except turning.</i>)
Box-scrapers.	Hatchets.
Bucks, Saw	Hooks, Bench
Bung-cutters.	Horses, Saw
Cabinet-makers' tools.	Howeling-tools
Cabinet-makers' tools, (<i>Manufac-</i> <i>ture of, See Class 81.</i>)	Joiners' benches.
Carpenters' benches.	Joiners' clamps.
Carpenters' clamps.	Joiners' tools.
Carpenters' gages.	Joiners' tools, (<i>Manufacture of,</i> <i>See Class 81.</i>)
Carpenters' tools.	Knives, Drawing
Carpenters' tools, (<i>Manufacture</i> <i>of, See Class 81.</i>)	Mallets.
Chalk-line holders.	Mast-scrapers.
Chamfering-tools.	Match-planes.
Chisels, Carpenters'	Miter-boxes.
Chisels, Grafting	Molding-planes.
Chisels, Joiners'	Nail-extractors.
Chisels, Pruning	Plane-bits.
Clamps, Carpenters'	Plane-making.
Clamps, Joiners'	Planes, Carpenters'
Clamps, Shipwrights'	Planes, Coopers'
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Cooper's tools.	Planes, Splint
Coopers' tools, (<i>Manufacture of,</i>	Plane-stocks.
	Planking-clamps.
	Rasps, Wood

Reaming-bits. (Wood.)	Splint-planes.
Riving splints, Tools for	Spoke-shaves.
Sand-paper holders.	Stocks, Bit
Saws. (<i>See Class 110.</i>)	Tack-extractors.
Scrapers, Box	Tools for wood-working.
Scrapers, Deck	Tool-handles, (<i>Except turning,</i>
Scrapers, Mast	<i>Class 142.</i>)
Screw-drivers.	Tool-holders.
Scribing-gages.	Tool-stocks.
Shipwrights' clamps.	Tools to handles, Attaching
Shipwrights' tools.	Veneering-tools.
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Spike-extractors.	tools.

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SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub- scription classification.
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Bark-cutting machines	Wood-Working; 3	144	92
Bark, Extracts of	Tanning	129	92
Bark-leaches	Water-Distribution	137	167
Bark, Machines for planing	Wood-Working; 3	144	92
Bark, Machines for pressing	Wood-Working; 3	144	92
Bark-mills	Mills	83	92
Barley-forks	Harvesters	56	77
Barn-door hangers	Builders' Hardware	16	24
Barn-door rollers	Builders' Hardware	16	24

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub-description classification.
Barometers	Measuring-Instruments	73	101
Barrel-cleaners	Aëration	1	19
Barrel-covers	Kitchen Utensils	65	88
Barrel-dryers	Dryers and Kilns	34	19
Barrel-fillers	Aëration	1	167
Barrel-fumigators	Dryers and Kilns	34	19
Barrel-handles	Kitchen Utensils	65	88
Barrel-heads	Wood-Working; 3	144	40
Barrel-heads, Machines for making	Wood-Working; 3	144	40
Barrel-heaters	Dryers and Kilns	34	19
Barrel-lining	Paint	91	40
Barrel-pitching	Paint	91	40
Barrel-rollers	Aëration	1	19
Barrels	Wood-Working; 3	144	40
Barrels impervious to liquids, Rendering	Paint	91	40
Barrels, Machines for making	Wood-Working; 3	144	40
Barrels, Making gun	Tubing and Wire	134	163
Barrels, Making sheet-metal	Sheet-Metal	113	136
Barrels, Pitching	Paint	91	40
Barrel-stands and skids	Aëration	1	19
Barrels to stocks, Attaching	Fire-Arms	42	55
Barrel-tilters	Aëration	1	19
Barrel-washers	Aëration	1	19
Barrows	Carriages	21	31
Bars and rods, Rolling	Metal-Working; 5	80	125
Bars, Bending or straightening	Metal-Working; 1	76	125
Bascule bridges	Bridges	14	21
Base-balls	Games and Toys	46	143
Base-burning fire-place heaters	Stoves	126	154
Base-burning stoves	Stoves	126	154
Basin-clamps	Furniture	45	8
Basins for sewers	Masonry	72	51
Basket-covering for bottles	Weaving	139	169
Basket-making	Weaving	139	169
Basket-making machines	Weaving	139	169
Baskets	Kitchen-Utensils	65	169
Baskets, Car	Railways; 2	105	121
Baskets for fruit, fish, grain and provisions	Kitchen Utensils	65	169
Baskets, Machines for making	Wood-Working; 3	144	169
Basket-splints, Machines for making	Wood-Working; 2	143	174
Baskets, Weaving	Weaving	139	169
Bath-heaters	Stoves	126	8
Bathing-apparatus	Baths and Closets	4	8
Bathing-tubs	Baths and Closets	4	8
Baths	Baths and Closets	4	8
Baths, Douche	Baths and Closets	4	8
Baths, Electro-voltaic	Electricity	36	50
Baths, Medicated	Baths and Closets	4	8
Baths, Shower	Baths and Closets	4	8
Baths, Vapor	Baths and Closets	4	8
Baths, Voltaic	Electricity	36	52
Bating hides	Tanning	129	92
Batons	Games and Toys	46	143
Bats for balls	Games and Toys	46	143
Bats, Forming	Felting and Hats	38	28
Batteries, Floating	Ships; 1	114	137
Batteries, Submarine	Ships; 1	114	137
Batteries, Thermo-electric	Electricity	36	50
Batteries, Voltaic	Electricity	36	50

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub- scription classification.
Batter-machines	Kitchen Utensils	65	88
Batting-machines	Carding	19	28
Bayonet-attachments	Fire-Arms	42	55
Bayonet-frogs	Trunks	133	162
Bayonet-scarbards	Trunks	133	162
Bayonets	Fire-Arms	42	52
Bayonets, Manufacture of	Hardware Manufactures	53A	53
Beacons	Signals	116	138
Beacons, Sonorific	Signals	116	138
Beads, Glass	Glass	49	68
Beads, (metallic,) Manufacture of	Hardware Manufactures	53F	86
Beaming cloth	Cloth	26	37
Beams of wood, Compound	Carpentry	20	30
Beams, Rolling	Metal-Working ; 5	80	125
Bean-harvesters	Harvesters	56	75
Bean-shellers	Kitchen Utensils	65	88
Bearings for machinery	Journals and Bearings	64	87
Beater-engines	Paper-Making	92	108
Beater-presses	Presses	100	7
Bed-bottoms	Beds	5	62
Bed-bugs, Traps for	Beds	5	62
Bed-clothes clasps	Beds	5	65
Bedding	Beds	5	62
Bed-pans	Surgery	128	156
Bed-plates of rag-engines	Paper-Making	92	108
Bed-quilts	Beds	5	62
Beds	Beds	5	62
Bedstead-canopies	Beds	5	62
Bedstead-cording	Beds	5	62
Bedstead-fastenings	Beds	5	62
Bedstead keys	Beds	5	62
Bedsteads	Beds	5	62
Bedsteads and other furniture com- bined	Beds	5	62
Bedsteads, Invalid	Beds	5	62
Bedsteads, Sofa	Beds	5	62
Bedsteads, Spring-slats for	Beds	5	62
Bedsteads, Valances for	Beds	5	62
Bedsteads, Ventilating	Beds	5	62
Bedsteads, Wardrobe	Beds	5	62
Bed-wrenches	Beds	5	62
Bee-culture	Bee-Hives	6	9
Bee-feeders	Bee-Hives	6	9
Bee-fumigators	Bee-Hives	6	9
Beer and wine	Beer and Wine	7	19
Beer-coolers	Ice	62	19
Beer-cooling vats	Beer and Wine	7	19
Beer-cups	Kitchen Utensils	65	88
Beer-fountains	Pumps	103	118
Beer-pitchers	Kitchen Utensils	65	88
Beer-preserving vessels	Beer and Wine	7	19
Beer-pumps	Pumps	103	118
Beer-taps	Valves	136	167
Beet-root sugar apparatus	Sugar	127	155
Bell-founding	Casting	22	10
Bell-hanging	Signals	116	24
Bellows-nozzles	Pneumatics	98	12
Bellows	Pneumatics	98	12
Bell-pulls	Builders' Hardware	16	24
Bell-ringing	Signals	116	24
Bells	Signals	116	10

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub-description classification.
Bells, Clock	Signals	116	10
Bells, Cow	Harness	54	72
Bells, Dumb	Games and Toys	46	143
Bells, Manufacture of	Hardware Manufactures	53 B	10
Bells, Sleigh	Harness	54	72
Bell-straps	Harness	54	72
Belt-clasps	Hose and Belting	60	81
Belt-couplings	Hose and Belting	60	81
Belt-cutting machines	Hose and Belting	60	81
Belt-fasteners	Hose and Belting	60	81
Belting, Compositions for	Hose and Belting	60	81
Belting-Compound	Hose and Belting	60	81
Belting, Modes of making	Hose and Belting	60	81
Belting, Rubber	Hose and Belting	60	81
Belting, Woven	Weaving	139	95
Belt-lacers	Hose and Belting	60	81
Belt-lacing, Machines for cutting	Hose and Belting	60	81
Belt-punches	Clasps and Buckles	24	81
Belts	Hose and Belting	60	81
Belts, Body	Apparel	2	38
Belt-shifters	Journals and Bearings	64	87
Belt-splicing	Hose and Belting	60	81
Belt-tighteners	Journals and Bearings	64	87
Bench-clamps	Wood-Working ; 4	145	29
Bench-dogs	Wood-Working ; 4	145	29
Benches for carpenters, joiners, &c	Wood-Working ; 4	145	29
Bench-fittings	Wood-Working ; 4	145	29
Bench-hooks	Wood-Working ; 4	145	29
Bench-planes	Wood-Working ; 4	145	29
Bench-shears	Cutlery	30	44
Bench-strips	Wood-Working ; 4	145	29
Bench-vises. (Wood-Working)	Wood-Working ; 4	145	29
Bending bars and plates	Metal-Working ; 1	76	125
Bending rails	Metal-Working ; 1	76	125
Bending sails	Ships ; 1	114	138
Bending sheet-metal	Sheet-Metal	113 A	136
Bending wire	Wire-Working	140	170
Bending wood, Machines for	Wood-Working ; 3	144	176
Berths, Car	Railways ; 2	105	121
Berths, Floating	Ships ; 1	114	137
Berths, Ships'	Ships ; 1	114	137
Béton	Stone, Lime, and Cement	125	153
Béton, Structures of	Masonry	72	4
Beverages, (except Aërated and Fermented)	Chemical Miscellaneous	23	98
Beverages, Aërated	Aëration	1	1
Beverages, Fermented	Beer and Wine	7	19
Bidets	Baths and Closets	4	8
Biers	Carriages	21	31
Bilge-boards	Ships ; 1	114	137
Bilgewater-alarms	Signals	116	137
Bilgewater, Discharging	Ships ; 1	114	137
Bilgewater-gages	Measuring-Instruments	73	137
Bill-holders	Stationery	120	146
Bill-hooks	Cutlery	30	44
Billiard-balls	Games and Toys	46	143
Billiard-balls, Compositions for	Chemical Miscellaneous	23	143
Billiard-chalk cups	Games and Toys	46	143
Billiard-cues	Games and Toys	46	143
Billiard-cue tips	Games and Toys	46	143
Billiard-markers	Games and Toys	46	143

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub-description classification.
Billiard-table chalk-holders	Games and Toys	46	143
Billiard-table pockets	Games and Toys	46	143
Billiard-tables	Games and Toys	46	143
Binders' boards	Paper Making	92	15
Binders for harvesters	Harvesters	56	74
Binders for sewing-machines	Sewing-Machines	112	134
Binders, Temporary	Stationery	120	15
Bindings for carpet, &c.	Cordage	28	17
Binding, Woven	Weaving	139	95
Binnacles	Ships; 1	114	137
Bins, Meal	Kitchen Utensils	65	88
Bird-cages	Wire-Working	140	170
Bird-houses	Garden and Orchard	47	63
Biscuit-boards	Kitchen Utensils	65	88
Biscuit (clay) ovens	Dryers and Kilns	34	115
Biscuit-cutters	Kitchen Utensils	65	88
Bistouries	Cutlery	30	156
Bits, Boring. (Wood)	Wood-Working; 4	145	29
Bits, Bridle	Harness	54	72
Bit-stocks	Wood-Working; 4	145	29
Bitters, Tonic	Chemical Miscellaneous	23	98
Bitting-rigging	Harness	54	144
Bits, Riding and towing	Ships; 1	114	137
Black, Animal	Sugar	127	155
Blackboard-rubbers	Educational	35	146
Blackboards	Educational	35	146
Blackboards, Compositions for	Educational	35	146
Black, Bone	Sugar	127	155
Blacking-boxes	Furniture	45	16
Blacking-box holders	Furniture	45	16
Blacking leather, Compositions for	Tanning	129	92
Black, Ivory	Sugar	127	155
Black-leading machines for electrotyping	Printing	101	164
Blacksmiths' forges	Metal-Working; 3	78	60
Blacksmiths' tools	Metal-Working; 6	81A	60
Blacksmiths' tool-stands	Metal-Working; 3	78	60
Black-washing molds, Apparatus for	Casting	22	33
Blanching oils, fats, wax, &c.	Oil, Fat, and Glue	87	26
Blanks from bars and plates, Cutting	Metal-Working; 4	79	119
Blast-furnaces	Metallurgy	75	85
Blasting-cartridges	Projectiles	102	124
Blasting-compounds	Gunpowder	52	71
Blasting-fuses	Projectiles	102	124
Blasting-plugs	Projectiles	102	124
Blasting rock	Projectiles	102	124
Blast-nozzles for steam-engines	Steam; 3	123	94
Blasting	Projectiles	102	124
Blast-machines	Pneumatics	98	12
Blast-regulators	Pneumatics	98	12
Bleaching-materials	Bleaching, Dyeing, &c	8	11
Bleaching-processes	Bleaching, Dyeing, &c	8	11
Bleaching	Bleaching, Dyeing, &c	8	11
Blind-adjusters	Builders' Hardware	16	24
Blind-bridles	Harness	54	72
Blind-fasteners	Builders' Hardware	16	24
Blind-fittings, Manufacture of	Hardware Manufactures	53B	24
Blind-folding devices for animals	Harness	54	72
Blind-hinges	Builders' Hardware	16	24
Blind-operators	Builders' Hardware	16	24
Blinds	Carpentry	20	30
Blinds for horses	Harness	54	72

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub- scripted classification.
Blind-slats, Machines for planing	Wood-Working; 3	144	30
Blind-slats, Machines for tenoning	Wood-Working; 3	144	30
Blind-slats, Machines for wiring	Wood-Working; 3	144	30
Blinds, Machines for making	Wood-Working; 3	144	30
Blinds, Metallic	Masonry	72	4
Blind-splints, Machines for making	Wood-Working; 2	143	174
Blind-staples	Nails	85	30
Blind-stiles, Machines for making	Wood-Working; 3	144	30
Blind-stiles, Machines for mortising	Wood-Working; 3	144	30
Blind-stiles, Machines for piercing	Wood-Working; 3	144	30
Blind-stiles, Machines for spacing	Wood-Working; 3	144	30
Blinds, Woven	Weaving	139	95
Blinds, Woven-wire	Wire-Working	140	170
Blind, Writing-apparatus for the	Educational	35	146
Blister-spreaders	Surgery	128	156
Blocks, Bushings for	Hoisting	57	79
Blocks for hats and bonnets	Felting and Hats	38	76
Blocks, Machines for making nautical	Wood-Working; 3	144	174
Blocks, Machines for making wooden paving	Wood-Working; 3	144	174
Blocks, Pulley	Hoisting	57	79
Blocks, Snatch	Hoisting	57	79
Blocks, Tackle	Hoisting	57	79
Blood, Instruments for infusing	Surgery	128	156
Blood, Instruments for propelling the	Surgery	128	156
Blotters	Stationery	120	146
Blotters, Book	Stationery	120	146
Blotting-pads	Stationery	120	146
Blowers	Pneumatics	98	12
Blowers for furnaces	Pneumatics	98	12
Blowers for organs	Pneumatics	98	12
Blowers, Steam	Pneumatics	98	12
Blowing-apparatus for glass-makers	Pneumatics	98	12
Blowing fur	Felting and Hats	38	76
Blow-pipes	Pneumatics	98	12
Blow-pipes for glass-workers	Pneumatics	98	12
Blubber-presses	Presses	100	26
Boarding leather	Tanning	129	92
Boarding machines, Leather	Tanning	129	92
Boas	Apparel	2	38
Boat-bridges	Boats	9	13
Boat-building	Boats	9	13
Boat-detaching apparatus	Boats	9	13
Boat-hoists	Boats	9	13
Boat-hooks	Boats	9	13
Boats	Boats	9	13
Boats, Canal	Ships; 1	114	137
Boats, Ferry	Ships; 1	114	137
Boats, Folding	Boats	9	13
Boats, Ice-breaking	Ships; 1	114	137
Boats, Life	Boats	9	13
Boats, Metallic	Boats	9	13
Boats, Sectional	Boats	9	13
Boats, Steam	Ships; 1	114	137
Boats, Surf	Boats	9	13
Boats, Torpedo	Ships; 1	114	137
Bobbinet-machines	Knitting	66	89
Bobbins	Cordage	28	17
Bobbins	Spinning	118	142
Bobbins for sewing-machines	Sewing-Machines	112	134

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub- scriptive classification.
Bobbins for shuttles	Weaving	138	95
Bobbins for braiding hair	Toilet	132	161
Bobbin-winders	Spinning	118	142
Bobbin-winders for sewing-machines	Sewing-Machines	112	134
Bodies of vehicles	Carriages	21	31
Bodkins	Apparel	2	38
Body-conformators	Apparel	2	38
Bog-cutters	Plows	97	114
Boiler-covering	Steam; 2	122	149
Boiler-feeders	Steam; 2	122	148
Boiler-flue cleaners	Steam; 2	122	148
Boiler-flues	Steam; 2	122	148
Boiler-makers' tools	Metal-Working; 6	81A	148
Boiler-making, Steam	Metal-Working; 3	78	148
Boilers, Agricultural	Stoves	126	59
Boilers, Domestic	Stoves	126	154
Boiler-setting, Steam	Steam; 2	122	149
Boilers for heaters	Steam; 2	126	147
Boilers, Furnace-doors for	Steam; 2	122	149
Boilers, Furnaces for	Steam; 2	122	149
Boilers, Locomotive	Steam; 3	123	94
Boilers, Making sheet-metal domestic	Sheet-Metal	113B	136
Boilers of steam-heaters	Steam; 2	122	147
Boilers, Setting steam	Steam; 2	122	149
Boilers, Steam	Steam; 2	122	148
Boiler-tile arrangements	Steam; 2	122	149
Boiler-tubes, Devices for cleaning	Steam; 2	122	148
Boiler-tubes, Ferrules for	Steam; 2	122	148
Boiler-tubes, Tools for scaling	Steam; 2	122	148
Bolsters for spindles	Spinning	118	142
Bolt-cutters	Metal-Working; 6	81A	100
Bolt-extractors	Wood-Working; 4	145	29
Bolt-heading machines	Bolts, Nuts, and Rivets	10	14
Bolting meal, &c.	Mills	83	57
Bolt-locks	Builders' Hardware	16	24
Bolt-making machines	Bolts, Nuts, and Rivets	10	14
Bolts, Chain	Builders' Hardware	16	24
Bolts, Flour	Mills	83	57
Bolts for doors, shutters, and blinds	Builders' Hardware	16	24
Bolts, (household,) Manufacture of	Hardware Manufactures	53B	24
Bolts, Screw	Bolts, Nuts, and Rivets	10	14
Bolts, Spring	Builders' Hardware	16	24
Bolt-threading machines	Bolts, Nuts, and Rivets	10	14
Bomb-lances	Projectiles	102	143
Bone-black filters	Sugar	127	155
Bone-black furnaces	Sugar	127	155
Bone-black, Processes for reviving	Sugar	127	155
Bone-black, Purifying	Sugar	127	155
Bone-elevators	Surgery	128	156
Bone-mills	Ore	90	3
Bonnet-caps	Felting and Hats	38	38
Bonnet-clasps	Felting and Hats	38	38
Bonnet-frames	Felting and Hats	38	38
Bonnet-fronts	Felting and Hats	38	38
Bonnet-ironing machines	Felting and Hats	38	38
Bonnet-presses	Felting and Hats	38	38
Bonnets	Felting and Hats	38	38
Bonnets for horses	Harness	54	72
Bonnet-shaping machines	Felting and Hats	38	38
Bonnet-stands	Apparel	2	38

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub- scriptum classification.
Book-binders' presses	Presses	100	15
Book-binders, Temporary	Stationery	120	15
Book-binding materials, processes, styles, tools, and machines	Book-Binding	11	15
Book-cases	Furniture	45	62
Book-clamps	Stationery	120	146
Book-cover fastenings	Book-Binding	11	15
Book-cover protectors	Stationery	120	15
Book-covers	Book-Binding	11	15
Book-covers, Machines for making	Book-Binding	11	15
Book-folding machines	Paper Manufactures	93	117
Book-holders	Stationery	120	146
Book-holders, Portable	Stationery	120	146
Book-markers	Stationery	120	146
Books, Copying	Stationery	120	146
Book-sewing machines	Book-Binding	11	15
Book-shelves	Furniture	45	62
Books in the round, Machines for cut- ting	Book-Binding	11	15
Books, Manifold-writing	Stationery	120	146
Book-supports	Furniture	45	62
Booms	Ships; 1	114	138
Booms for logs	Boats	9	13
Boot-boxes of vehicles	Carriages and Wagons	21	31
Boot-channeling machines	Boots and Shoes	12	16
Boot-clamps	Boots and Shoes	12	16
Boot-cleaners	Boots and Shoes	15	16
Boot-crimps	Boots and Shoes	12	16
Boot-grooving machines	Boots and Shoes	12	16
Boot-hooks	Boots and Shoes	12	16
Boot-jacks	Furniture	45	16
Boot-linings	Boots and Shoes	12	16
Boot-patterns	Boots and Shoes	12	16
Boot-racks	Furniture	45	62
Boots and shoes	Boots and Shoes	12	16
Boot-seam rubbers	Boots and Shoes	12	16
Boots for horses	Harness	54	144
Boot-shanks, Manufacture of metallic	Hardware Manufactures	53G	16
Boots, Metallic braces for	Boots and Shoes	12	16
Boots, Metallic shanks for	Boots and Shoes	12	16
Boots, Metallic soles for	Boots and Shoes	12	16
Boot-soles	Boots and Shoes	12	16
Boot-stretchers	Boots and Shoes	12	16
Boots, Wooden soles for	Boots and Shoes	12	16
Boot-trees	Boots and Shoes	12	16
Boot-uppers	Boots and Shoes	12	16
Boot-ventilators	Boots and Shoes	2	16
Boring-bits	Wood-Working; 4	145	29
Boring cannon	Metal-Working; 2	77	105
Boring cylinders	Metal-Working; 2	77	100
Boring, Earth	Excavators	37	51
Boring-machines, Metal	Metal-Working; 2	77	100
Boring-machines, (wood)	Wood-Working; 2	143	29
Boring rock	Stone, Lime, and Cement	125	124
Bosom-expanders	Crinoline and Corsets	29	80
Bosom-folders	Apparel	2	38
Bosoms	Apparel	2	38
Bottle-brushes	Brushes and Brooms	15	22
Bottle-cleaners	Aëration and Bottling	1	1
Bottle-envelopes	Aëration and Bottling	1	169

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub-description classification.
Bottle-faucets	Valves	136	1
Bottle-fillers	Aëration and Bottling	1	1
Bottle-holders	Kitchen Utensils	65	88
Bottle-holders for glass-making	Glass	49	68
Bottle making, Glass	Glass	49	68
Bottle-racks	Aëration and Bottling	1	1
Bottles, Boxes for transporting	Aëration and Bottling	1	1
Bottles, Dropping	Measuring-Instruments	73	98
Bottles, Graduated medicine	Measuring-Instruments	73	98
Bottles, Mucilage	Stationery	120	146
Bottle-stoppers	Aëration and Bottling	1	1
Bottle-washers	Aëration and Bottling	1	1
Bottling-implements	Aëration and Bottling	1	1
Bottling-machines	Aëration and Bottling	1	1
Bouquet-holders	Garden and Orchard	47	63
Bow-drills	Metal-Working; 2	77	100
Bow-irons of vehicles	Carriages and Wagons	21	31
Bowls, Machines for turning	Wood-Working; 1	142	175
Bow-pencils and pens	Drafting	33	97
Bow-string bridges	Bridges	14	21
Bows, Wagon	Carriages and Wagons	21	31
Box-cars	Railways; 2	105	121
Boxes, Ballot	Stationery	120	42
Boxes, Cartridge	Trunks	133	162
Boxes, Conductors' check	Stationery	120	42
Boxes direct from pulp, Making paper	Paper-Making	92	108
Boxes, Egg-packing	Kitchen Utensils	65	116
Boxes, Fare	Stationery	120	42
Boxes, Fish	Kitchen Utensils	65	63
Boxes, Food	Kitchen Utensils	65	63
Boxes for plants	Garden and Orchard	47	63
Boxes for provisions	Kitchen Utensils	65	63
Boxes for spools and thread	Apparel	2	38
Boxes for transportation, Refrigerating	Ice	62	58
Boxes for vegetables	Kitchen Utensils	65	63
Boxes, Fruit	Kitchen Utensils	65	63
Boxes, Hat	Trunks	133	162
Boxes, Journal	Journals and Bearings	64	87
Boxes, Letter	Stationery	120	146
Boxes, Lunch	Kitchen Utensils	65	63
Boxes, Machines for making wooden	Wood-Working; 3	144	174
Boxes, Machines for turning wooden	Wood-Working; 1	142	172
Boxes, Mail-distributing	Stationery	120	146
Boxes, Making sheet-metal	Sheet-Metal	113 B	136
Boxes, Match	Lamps and Gas-Fittings	67	90
Boxes of wheel-hubs	Carriages	21	31
Boxes, Paper	Paper Manufactures	93	109
Boxes, Pepper	Kitchen Utensils	65	88
Boxes, Railway-axle	Railways; 3	106	122
Boxes, Spice	Kitchen Utensils	65	88
Boxes, Ticket	Stationery	120	146
Box machines, Paper	Paper Manufactures	93	109
Box-packing presses	Presses	100	7
Box-plaiting attachments for sewing-machines	Sewing-Machines	112	134
Box-scrappers	Wood-Working; 4	145	29
Bracelets	Jewelry	63	86
Braces	Apparel	2	38
Braces for carriages, Manufacture of	Hardware Manufactures	53 C	31
Braces for trunks	Trunks	133	162

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—amb-scription classification.
Brackets for eave-troughs	Roofing	108	126
Brackets for roofs	Roofing	108	126
Brackets for staging	Carpentry	20	30
Bracket-shelves	Furniture	45	62
Braid	Cordage	28	17
Braiders for sewing-machines	Sewing-Machines	112	134
Braid-holders	Cordage	28	17
Braiding cords	Cordage	28	17
Braiding, Hair	Toilet	132	161
Braiding-machine carriers	Cordage	28	17
Braiding-machines	Cordage	28	17
Braiding tapes	Cordage	28	17
Braiding whips	Cordage	28	72
Brakes, Car	Railways; 3	106	122
Brakes, Carriage	Carriages and Wagons	21	31
Brakes for hoisting-machinery	Mechanical Powers	74	79
Brakes for horse-powers	Mechanical Powers	74	159
Brakes for machinery	Mechanical Powers	74	79
Brakes, Wagon	Carriages and Wagons	21	31
Braking-machines	Brakes and Gins	13	78
Bran-dusters	Mills	83	57
Brass-founding	Casting	22	10
Brass tubes, Machines for making	Tubing and Wire	134	163
Brazing	Sheet-Metal	113 A	136
Bread and pastry boards	Kitchen Utensils	65	88
Bread-cutters	Kitchen Utensils	65	88
Bread-machines	Kitchen Utensils	65	6
Bread-raising compounds	Chemical Miscellaneous	23	6
Breaking horses, Apparatus for	Harness	54	144
Breakwaters	Hydraulic Engineering	61	82
Breast-bails	Harness	54	72
Breast-cups	Surgery	128	156
Breast-pads	Crinoline and Corsets	29	80
Breast-pins	Jewelry	63	86
Breast-pumps	Surgery	128	156
Breast-slides	Harness	54	72
Breast-straps	Harness	54	72
Breast-strap slides	Harness	54	72
Breech-loading cannon	Ordnance	89	105
Breech-loading small-arms	Fire-Arms	42	18
Breech-straps	Harness	54	72
Brequet-chain hooks	Clasps and Buckles	24	87
Brewery-apparatus	Beer and Wine	7	19
Brewing	Beer and Wine	7	19
Brick-kilns	Dryers and Kilns	34	20
Bricklayers' tools, Manufacture of	Metal-Working; 6	31 B	4
Brick-machines	Clay	25	20
Brick-molds	Clay	25	20
Brick-presses	Clay	25	20
Bricks	Clay	25	20
Bricks, Fire	Clay	25	20
Brick-work of buildings	Masonry	72	4
Bridges	Bridges	14	21
Bridges, Deck	Ships; 1	14	137
Bridges, Hose	Railway; 1	104	81
Bridge-signals	Signals	116	21
Bridges, Paddle-box	Ships; 1	114	137
Bridges, Steam-furnace	Steam; 2	122	149
Bridles	Harness	54	72
Bridle-winkers	Harness	54	72

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub-description classification.
Brine-tubs	Butchering	17	25
Bristle-sorting machines	Brushes and Brooms	15	22
Bristle-bunching machines	Brushes and Brooms	15	22
Bristle-cleaning machines	Brushes and Brooms	15	22
Bristle-washing machines	Brushes and Brooms	15	22
Britannia-ware	Sheet-Metal	113 B	34
Britannia-ware, Casting-processes for	Casting	22	34
Broadcast sowers	Seeders and Planters	111	133
Broilers	Stoves and Furnaces	126	154
Bronzing-machines	Fine Arts	41	54
Brooches, Manufacture of	Hardware Manufactures	53 E	86
Broom-corn presses	Presses	100	22
Broom-handles	Brushes and Brooms	15	22
Broom-handles, Machines for making	Wood-Working; 1	142	174
Broom-hangers	Furniture	45	62
Broom-heads	Brushes and Brooms	15	22
Brooms	Brushes and Brooms	15	22
Broom-splints, Machines for making	Wood-Working; 2	143	22
Brush-backs	Brushes and Brooms	15	22
Brush-backs, Machines for making	Wood-Working; 3	144	22
Brushes, (<i>all kinds except Wire</i>)	Brushes and Brooms	15	22
Brushes	Brushes and Brooms	15	22
Brushes, Wire	Wire-Working	140	170
Brush-handles	Brushes and Brooms	15	22
Brush-handles, Machines for making	Wood-Working; 3	144	22
Brush-heads	Brushes and Brooms	15	22
Brush-making machines	Brushes and Brooms	15	22
Brush-pullers	Hoisting	57	79
Brush-racks	Furniture	45	62
Buckets	Kitchen Utensils	65	88
Buckets, Dinner	Kitchen Utensils	65	63
Buckets, Dumping	Hoisting	57	79
Buckets, Folding	Kitchen Utensils	65	63
Buckets, Hoisting	Hoisting	57	79
Buckets, Machines for making	Wood-Working; 3	144	40
Buckets, Making sheet-metal	Sheet-Metal	113 B	136
Bucking-kiers	Bleaching, Dyeing, &c	8	11
Buckles	Clasps and Buckles	24	23
Buckles, (harness,) Manufacture of	Hardware Manufactures	53 E	23
Buckles, Manufacture of	Hardware Manufactures	53 E	23
Budding-knives	Metal-Working; 5	80	63
Buffers	Grinding and Polishing	51	70
Buffers, Car	Railway; 3	106	122
Buffers for doors	Builders' Hardware	16	24
Buffing-machines	Grinding and Polishing	51	70
Buhl-work	Fine Arts	41	54
Builders' sheet-metal ware	Sheet-Metal	113 B	136
Buildings, Moving	Mechanical Powers	74	67
Bulkheads	Ships; 1	114	137
Bullet-casting	Casting	22	32
Bulletin-boards	Stationery	120	146
Bulletin-boards, Adjustable	Stationery	120	146
Bullet-pressing machines	Hardware Manufactures	53 A	32
Bullets	Projectiles	102	32
Bullets, Lubricating	Projectiles	102	32
Bullets, Manufacture of	Hardware Manufactures	53 A	32
Bullion, Machines for making	Weaving	139	95
Bull-rings	Harness	54	144
Bumpers, Car	Railways; 3	106	122
Bumping-posts	Railways; 1	104	120

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub-description classification.
Bundling fire-wood, Machines for	Wood-Working ; 3	144	174
Bundling-presses for yarns and threads	Presses	100	17
Bung-cutters	Wood-Working ; 1	142	175
Bungs	Aération	1	40
Bungs, Bushes for	Aération	1	40
Bungs, Extractors for	Aération	1	40
Bungs, Machines for turning	Wood-Working ; 1	142	172
Buoys	Boats	9	138
Buoy-safes	Boats	9	128
Buoys, Electrical	Electricity	36	138
Burial-cases, Compositions for making	Coffins	27	39
Burial-caskets	Coffins	27	39
Burglar-alarms	Signals	116	24
Bureaus	Furniture	45	62
Burrettes	Measuring-Instruments	73	98
Burglar-proof safes	Safes	109	128
Burners	Lamps and Gas-Fittings	67	64
Burning-fluids	Stillis	124	47
Burning lime	Stone, Lime, and Cement	125	153
Burnishers	Grinding and Polishing	51	70
Burnishing-machines	Grinding and Polishing	51	70
Burnishing machines, Boot	Boots and Shoes	12	16
Burr-cutters	Metal-Working ; 7	82	100
Burring-machines	Carding	19	28
Burrs, Metallic	Mills	83	57
Bush-extractors	Hoisting	57	79
Bushings for barrels	Aération	1	40
Bushings for gun-vents	Ordnance	89	105
Busks	Crinoline and Corsets	29	80
Bustles	Crinoline and Corsets	29	80
Butchering appliances	Butchering	17	25
Butter-buckets	Kitchen Utensils	65	45
Butter-dishes	Kitchen Utensils	65	88
Butter-molds	Dairy	31	45
Butter-stampers	Dairy	31	45
Butter-tongs	Kitchen Utensils	65	45
Butter-workers	Dairy	31	45
Button-hole punches	Clasps and Buckles	24	38
Button-hole sewing-machines	Sewing-Machines	112	134
Button-hooks	Clasps and Buckles	24	38
Button-keys or fasteners	Clasps and Buckles	24	23
Button making, Glass	Glass	49	68
Button-rings, Manufacture of	Hardware Manufactures	53 E	23
Buttons, (door,) Manufacture of	Hardware Manufactures	53 B	24
Buttons, Gilding	Plating	96	113
Buttons, Machines for turning	Wood-Working ; 1	142	172
Buttons, (metallic,) Manufacture of	Hardware Manufactures	53 E	23
Buttons of any material, (<i>except Turning, Class 142</i>)	Clasps and Buckles	24	23
Buttons to cards, Securing	Clasps and Buckles	24	23
Buttons to fabrics, Eyeletting	Clasps and Buckles	24	23
Buttons to fabrics, Riveting	Clasps and Buckles	24	23
C.			
Cabin-door hooks	Builders' Hardware	16	24
Cabinet-hooks, Manufacture of	Hardware Manufactures	53 D	24
Cabinet-makers' tools	Wood-Working ; 4	145	49
Cabinet-makers' tools of metal, Manufacture of	Metal-Working ; 6	81 B	49
Cabinet-organs	Music	84	106

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub- scription classification.
Cabinets	Furniture	16	24
Cabins, Floating	Ships; 1	114	137
Cable-grippers	Ships; 1	114	138
Cable-hooks	Ships; 1	114	138
Cable-nippers	Ships; 1	114	138
Cables for submarine telegraphs	Wire-Working	140	170
Cables for suspension-bridges	Wire-Working	140	170
Cables for vessels	Ships; 1	114	138
Cable-shackles	Ships; 1	114	138
Cables, Laying submarine	Hydraulic Engineering	61	82
Cables, Links for	Ships; 1	114	138
Cables, Securing	Ships; 1	114	138
Cables, Submarine telegraph	Electricity	36	170
Cables, Suspension-bridge	Wire-Working	140	170
Cables, Telegraph	Electricity	36	170
Cable-stoppers	Ships; 1	114	138
Cables, Wire	Wire-Working	140	170
Cabs for railway-cars	Railways; 3	106	121
Caissons for piers, &c	Hydraulic Engineering	61	82
Cake-cutters	Kitchen Utensils	65	88
Cake-turners	Kitchen Utensils	65	154
Calash-tops for carriages	Carriages	21	31
Calcium lights	Lamps and Gas-Fittings	67	90
Calculating-machines	Measuring-Instruments	73	42
Calculi, Instruments for extracting	Surgery	128	156
Calendars	Stationery	120	146
Calendars, Electrical	Electricity	36	50
Calendering cloth	Cloth	26	37
Calico-printing, Composition for	Bleaching and Dyeing	8	11
Calico-printing machines	Printing	101	11
Calico-printing, Processes for	Bleaching and Dyeing	8	11
Calipers	Draughting	33	97
Calking	Ships; 1	114	137
Calking-machines	Ships; 1	114	137
Calks, Boot	Boots and Shoes	12	16
Call-bells	Signals	116	24
Caloric-engines	Pneumatics	98	2
Camels	Ships; 1	114	82
Cameras	Optics	88	111
Cameras, Photographic	Photography	95	111
Cameras, Solar	Photography	88	111
Camera-stands	Photography	95	111
Camp-beds	Beds	5	62
Camp-cots	Beds	5	62
Camp-kits	Kitchen Utensils	65	88
Camp-stools	Furniture	45	62
Cam-rods	Mechanical Powers	74	67
Cams, Variable	Mechanical Powers	74	67
Canal-boats	Ships; 1	114	137
Canal-boats, Propulsion of	Ships; 2	115	139
Canal-hoists	Hydraulic Engineering	61	82
Canal-lining	Hydraulic Engineering	61	82
Canal-lock gates	Hydraulic Engineering	61	82
Canal-locks	Hydraulic Engineering	61	82
Canal-propulsion, apart from the boat	Hydraulic Engineering	61	82
Canals	Hydraulic Engineering	61	82
Candle-holders	Lamps and Gas-Fitting	67	90
Candle-machinery	Oil, Fat, and Glue	87	26
Candle-making	Oil, Fat, and Glue	87	26
Candle-molds	Oil, Fat, and Glue	87	26
Candle-molds, Compositions for	Oil, Fat, and Glue	87	26

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub- scriptive classification.
Candles.....	Oil, Fat, and Glue.....	87	26
Candles, Compositions for.....	Oil, Fat, and Glue.....	87	26
Candlesticks.....	Lamps and Gas-Fitting.....	67	90
Candlesticks, Making sheet-metal.....	Sheet-Metal.....	113 B	136
Candy-cutters.....	Sugar.....	127	155
Candy-making machines.....	Sugar.....	127	155
Cane and seat combined.....	Umbrellas and Fans.....	135	62
Cane-guns.....	Fire-Arms.....	42	55
Cane-harvesters.....	Harvesters.....	56	75
Cane-juice, Treatment of.....	Sugar.....	127	155
Cane-knives.....	Cutlery.....	30	44
Cane, Machines for polishing.....	Wood-Working; 3.....	144	169
Cane, Machines for splitting.....	Wood-Working; 3.....	144	169
Cane, Machines for stripping.....	Wood-Working; 3.....	144	169
Cane-mills.....	Mills.....	83	155
Cane-planters.....	Seeders and Planters.....	111	133
Canes, Ferrules for walking.....	Umbrellas and Fans.....	135	165
Canes, Physicians'.....	Surgery.....	128	156
Cane-strippers.....	Wood-Working; 3.....	144	155
Canes, Walking.....	Umbrellas and Fans.....	135	165
Caning chairs, Instruments for.....	Wood-Working; 3.....	144	62
Canisters.....	Kitchen Utensils.....	65	88
Canister-shot.....	Projectiles.....	102	105
Cannons.....	Ordnance.....	89	105
Cannon-sights.....	Ordnance.....	89	105
Can-openers.....	Cutlery.....	30	88
Canopies for bedsteads.....	Beds.....	5	62
Cans, Air-tight.....	Preserving.....	99	58
Cans for preserving provisions.....	Preserving.....	99	28
Cans for slivers.....	Carding.....	19	58
Cans, Making sheet-metal.....	Sheet-Metal.....	113 B	136
Canteens.....	Kitchen Utensils.....	65	88
Cant-hooks.....	Saws.....	110	130
Can tops, caps, and stoppers.....	Preserving.....	99	58
Canvas-stretchers.....	Fine Arts.....	41	54
Caoutchouc manufactures.....	Caoutchouc.....	18	84
Caoutchouc-printing.....	Printing.....	101	117
Cap boxes, Percussion.....	Projectiles.....	102	55
Capes.....	Apparel.....	2	38
Caponizing devices.....	Surgery.....	128	156
Capping nails.....	Nails.....	85	103
Capping screws.....	Nails.....	85	103
Caps.....	Felting and Hats.....	38	38
Cap-spinning machines.....	Spinning.....	118	142
Capstans.....	Hoisting.....	57	79
Capstans for mole-plows.....	Hoisting.....	57	79
Capsules, Bottle.....	Aëration.....	1	1
Capsules for cans and bottles, Making.....	Sheet-Metal.....	113B	136
Capsules, Machines for making medicinal.....	Chemical Miscellaneous.....	23	98
Capsules, Medicinal.....	Chemical Miscellaneous.....	23	98
Car-axle boxes.....	Railways; 3.....	106	122
Car-axles.....	Railways; 3.....	106	122
Carbonic-acid-gas engines, (motors).....	Pneumatics.....	98	2
Carbonizing-furnaces.....	Metallurgy.....	75	99
Carbonizing wood, Furnaces and kilns for.....	Driers and Kilns.....	34	61
Carboys.....	Glass.....	49	68
Car-brakes.....	Railways; 3.....	106	122
Car-brakes, Automatic.....	Railways; 3.....	106	122

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub-description classification.
Car-brakes, Electrical	Electricity	36	122
Car-brake shoes	Railways; 3	106	122
Car-brakes, Pneumatic	Steam; 1	121	122
Car-brakes, Steam-actuated	Steam; 1	121	122
Car-buffers	Railways; 3	106	122
Car-bumper springs	Railways; 3	106	122
Carburetors for air or gas	Gas	48	27
Car-cabs	Railways; 3	106	121
Carcasses	Projectiles	102	105
Car-couches	Railways; 2	105	121
Car-couplings	Railways; 3	106	122
Card-board	Paper-Making	92	108
Card-board driers	Driers and Kilns	34	108
Card-calendars	Stationery	120	146
Card-cases	Stationery	120	146
Card-clothing	Carding	19	28
Card-grinding	Grinding and Polishing	51	28
Card-holders	Stationery	120	146
Carding-machines	Carding	19	28
Carding-machines, Alarms for	Carding	19	28
Carding-machines, Cylinders for	Carding	19	28
Carding-machines, Stop-motions for	Carding	19	28
Card-mounts	Fine Arts	41	146
Car-door latches	Locks and Latches	70	121
Car-door locks	Locks and Latches	70	121
Card-racks	Stationery	120	146
Car draw-bars	Railways; 3	106	122
Car draw-heads	Railways; 3	106	122
Cards	Stationery	120	146
Cards, Cleaning	Carding	19	28
Cards, Currying	Stabling	119	144
Cards, Playing	Games and Toys	46	143
Cards, Reading	Games and Toys	46	143
Card-strippers	Carding	19	28
Cards, (Wool and Cotton)	Carding	19	28
Cargo-ports	Ships; 1	114	137
Car-heaters	Stoves and Furnaces	126	154
Car-jacks	Hoisting	57	79
Car-pedestals	Railways; 6	106	122
Carpenters' benches	Wood-Working; 4	145	29
Carpenters' clamps	Wood-Working; 4	145	29
Carpenters' gages	Wood-Working; 4	145	29
Carpenters' machines	Wood-Working; 3	144	29
Carpenters' tools	Wood-Working; 4	145	29
Carpenters' tools of metal, Manufac- ture of	Metal-Working; 6	81B	49
Carpenters' work of buildings	Carpentry	20	30
Carpet-bag frames	Trunks	133	162
Carpet-bag frames, Manufacture of	Hardware Manufactures	53J	162
Carpet-bags	Trunks	133	162
Carpet-cleaners	Furniture	45	62
Carpet fabrics	Weaving	139	56
Carpet-fasteners	Furniture	45	62
Carpet-lining	Weaving	139	95
Carpet-lining machines	Weaving	139	56
Carpet-rag cutter	Cloth	26	95
Carpet-rag looper	Weaving	139	95
Carpet-stretchers	Furniture	45	62
Carpeting	Weaving	139	95
Car-platforms	Railways; 3	106	122

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub-description classification.
Carriage-bow joints, Manufacture of...	Hardware Manufactures ...	53C	31
Carriage-couplings	Carriages	21	31
Carriage-curtain fastenings	Carriages	21	31
Carriage-door handles, Manufacture of.	Hardware Manufactures ...	53C	31
Carriage-hardware	Carriages	21	31
Carriage-heaters	Stoves and Furnaces	126	154
Carriage-irons	Carriages	21	31
Carriage-jacks	Hoisting	51	79
Carriages	Carriages	21	31
Carriages, Dress-guards for	Carriages	22	31
Carriage-seat fastenings	Carriages	21	31
Carriage-seats	Carriages	21	31
Carriages, Fire-engine	Carriages	21	31
Carriages for artillery	Ordnance	89	105
Carriage-springs	Carriages	21	31
Carriage-springs, Manufacture of	Hardware Manufactures ...	53C	31
Carriage-step protectors	Carriages	21	31
Carriage-steps	Carriages	21	31
Carriage-steps, Manufacture of	Hardware Manufactures ...	53C	31
Carriages, Top-blocks for	Carriages	21	31
Carriage-top braces, Manufacture of	Hardware Manufactures ...	53C	31
Carriage-tops	Carriages	21	31
Carriage-trimmings	Carriages	21	31
Carriage-window frames	Carriages	21	31
Car-replacers	Railways; 1	104	120
Car-roofs	Railways; 2	105	121
Cars, Adhesion	Railways; 2	105	121
Cars, Box	Railways; 2	105	121
Cars, Cattle	Railways; 2	105	121
Cars, Coal	Railways; 2	105	121
Cars, Dummy	Railways; 2	105	121
Cars, Dumping	Railways; 2	105	121
Car-seat arm-locks	Locks and Latches	70	121
Car-seats	Railways; 2	105	121
Cars for transportation, Refrigerating ..	Ice	62	121
Cars, Freight	Railways; 2	105	121
Cars, Gravel	Railways; 2	105	121
Cars, Hand	Railways; 2	105	121
Cars, Petroleum	Railways; 2	105	121
Car-springs	Railways; 3	106	122
Cars, Revolving	Railways; 2	105	121
Cars, Safety	Railways; 2	105	121
Cars, Sleeping	Railways; 2	105	121
Cars, Stock	Railways; 2	105	121
Cars, Street	Railways; 2	105	121
Car stake-holders	Railways; 3	106	122
Car-standards	Railways; 3	106	122
Cars, Tank	Railways; 2	105	121
Car-starters	Railways; 3	106	122
Car-starters, Electrical	Electricity	36	122
Cars, Wrecking	Railways; 2	105	121
Cartridge-filling machines	Projectiles	102	32
Cartridge-holders	Projectiles	102	32
Cartridge-linings	Projectiles	102	32
Cartridge-loaders	Fire-Arms	42	32
Cartridge-pouches	Projectiles	102	162
Cartridge-priming machines	Projectiles	102	32
Cartridges	Projectiles	102	32
Cartridges, Blasting	Projectiles	102	124
Cartridges, Compositions for	Gunpowder	52	71

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub- scriptior classifi- cation.
Cartridges for fire-arms	Projectiles	102	32
Cartridges for ordnance	Projectiles	102	105
Cartridge-shell retractors	Fire-Arms	42	18
Cartridge-shells, Manufacture of	Hardware Manufactures	53A	32
Cartridges, Metallic	Projectiles	102	32
Cartridges, Priming	Projectiles	102	32
Cartridge-wrappers	Projectiles	102	32
Car-truck frames	Railways; 3	106	122
Car-trucks	Railways; 3	106	122
Car-trusses	Railways; 3	106	122
Carts	Carriages and Wagons	21	31
Cart-saddles	Harness	54	72
Carving-machines	Wood-Working; 2	143	173
Carving stone	Stone, Lime, and Cement	125	153
Car-wheels	Railways; 3	106	122
Car-wheels, Making wrought	Railways; 4	107	122
Car-window fastenings	Builders' Hardware	16	121
Car-windows	Railways; 2	105	121
Case-hardening compounds	Metallurgy	75	85
Case-hardening processes	Metallurgy	75	85
Caskets, Burial	Coffins	27	39
Casks, Machines for making	Wood-Working; 3	144	40
Caster-bottles	Kitchen Utensils	65	88
Casters, Furniture	Builders' Hardware	16	24
Casters, Manufacture of	Hardware Manufactures	53D	24
Casters, Stove-leg	Stoves and Furnaces	126	154
Caster-stands	Kitchen Utensils	65	88
Casting dental plates	Dental	32	46
Casting glass	Glass	49	68
Casting metal on metal	Casting	22	33
Casting metal rules between rollers	Metal-Working; 5	80	33
Casting metals, Appliances for	Casting	22	33
Casting metals, Modes of	Casting	22	33
Casting metal under pressure	Casting	22	33
Casting sheet-metal between rollers	Metal-Working; 5	80	136
Casting soft metals	Casting	22	34
Castings, Tumbling-boxes for	Casting	22	33
Castrating-clamps	Surgery	128	156
Casts, Instruments for obtaining	Fine Arts	41	54
Casts, Processes for obtaining	Fine Arts	41	54
Catamenial sacks	Surgery	128	156
Cataracts for steam-engines	Steam; 1	121	69
Catarrhal syringes	Surgery	128	156
Catching animals for slaughtering	Butchering	17	25
Catheters	Surgery	128	156
Catoptric lights	Optics	88	90
Cattle-cars	Railways; 2	105	121
Cattle-feeders	Stabling	119	144
Cattle-gags	Harness	54	144
Cattle-guards	Railways; 1	104	120
Cattle-leaders	Harness	54	72
Cattle-pens	Stabling	119	144
Cattle-stalls	Stabling	119	144
Cattle-ties	Stabling	119	144
Cauterizing-instruments	Surgery	128	156
Ceilings	Carpentry	20	4
Cellar-floors	Masonry	72	4
Cellars, Draining	Pumps	103	20
Cementation-furnaces	Metallurgy	75	85
Cement, Fire-proof	Stone, Lime, and Cement	125	153

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub-description classification.
Cement floors	Paving	94	153
Cement for lining pipes	Stone, Lime, and Cement	125	153
Cement, Indurating	Stone, Lime, and Cement	125	153
Cement-kilns	Driers and Kilns	34	48
Cement-mixing machines	Clay	25	153
Cement paving	Paving	94	110
Cement-pipe, Machines for making	Clay	25	20
Cement-pipes	Clay	25	20
Cement-pipes, Coating	Clay	25	20
Cement, Plastic	Stone, Lime, and Cement	125	153
Cements, Earthen	Stone, Lime, and Cement	125	153
Center-boards	Ships; 1	114	137
Centering for arches	Bridges	14	21
Centering-plates	Metal-Working; 7	82	100
Centering-tools	Metal-Working; 7	82	100
Centers for wood-lathes	Wood-Working; 1	142	172
Centrifugal filters	Sugar	127	155
Centrifugal guns	Ordnance	89	105
Ceramic enamels	Clay	25	115
Ceramic manufactures	Clay	25	115
Chafing-dishes	Stoves and Furnaces	126	154
Chain-making	Metal-Working; 3	78	60
Chains, (fob and watch,) Manufacture of	Hardware Manufactures	53E	86
Chains, Surveyors'	Optics	88	157
Chain-testers	Presses	100	60
Chair-back sawing-machines	Wood-Working; 3	144	131
Chair-backs, Machines for dressing	Wood-Working; 3	144	62
Chair-backs, Machines for rounding	Wood-Working; 3	144	62
Chair-bottoms	Furniture	45	62
Chairs	Furniture	45	62
Chairs and seats, Head-rests for	Furniture	45	62
Chairs, Barbers'	Furniture	45	62
Chairs, Camp	Furniture	45	62
Chairs, Dentists'	Furniture	45	46
Chair-seats, Machines for boring	Wood-Working; 3	144	62
Chair-seats, Machines for planing	Wood-Working; 3	144	62
Chairs, Enema	Furniture	45	156
Chairs, Folding	Furniture	45	62
Chairs for glass-makers	Glass	49	68
Chairs, Instruments for caning	Wood-Working; 3	144	62
Chairs, Invalid	Furniture	45	62
Chairs, Locomotive	Carriages and Wagons	21	131
Chairs, Making railway	Railways; 4	107	121
Chairs, Nursery	Furniture	45	62
Chairs, Obstetrical	Furniture	45	156
Chairs, Operating	Furniture	45	156
Chairs, Pew	Furniture	45	62
Chairs, Railway	Railways; 1	104	121
Chair-stuff, Machines for scraping	Wood-Working; 3	144	62
Chalk-line holders	Wood-Working; 4	145	29
Chamber-pots	Baths and Closets	4	8
Chamfering-tools, (Wood)	Wood-Working; 4	145	173
Chandeliers	Lamps and Gas-Fittings	67	64
Changing speed, Apparatus for	Mechanical Powers	74	67
Channeling-machines	Boots and Shoes	12	16
Channeling stone	Stone, Lime, and Cement	125	153
Charcoal-furnaces for cooking	Stoves and Furnaces	126	154
Charcoal-kilns	Driers and Kilns	34	61
Chart-holders	Educational	35	146
Charts	Educational	35	146

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub-description classification.
Chassis for guns	Ordnance	89	105
Checker-boards	Games and Toys	46	143
Check-hooks	Harness	54	72
Check-reins	Harness	54	72
Checks, Baggage	Stationery	120	146
Checks, Conductors'	Stationery	120	146
Check-valves	Valves	136	152
Cheese-covers	Kitchen Utensils	65	88
Cheese-cutters	Kitchen Utensils	65	88
Cheese-grinders	Kitchen Utensils	65	88
Cheese-hoops	Dairy	31	45
Cheese-making	Dairy	31	45
Cheese-presses	Presses	100	45
Cheese-shelves	Dairy	31	45
Cheese-tables	Dairy	31	45
Cheese-turners	Dairy	31	45
Cheese-vats	Dairy	31	45
Chemical apparatus	Chemical Miscellaneous	23	35
Chemical furnaces	Chemical Miscellaneous	23	35
Chemical preparation of food	Preserving	99	58
Chemical processes in sheet-metal making	Metal-Working; 5	80	35
Chemicals, Air-tight packages for	Preserving	99	35
Chemicals, Preparing	Chemical Miscellaneous	23	35
Chenille-machines	Weaving	139	17
Cherry-stoners	Kitchen Utensils	65	88
Chess	Games and Toys	46	143
Chest-locks	Locks and Latches	70	93
Chest-protectors	Surgery	128	156
Chicken-coops	Stabling	119	116
Chicken-houses	Stabling	119	116
Chicken-nests	Stabling	119	116
Chicken-raising apparatus	Stabling	119	116
Chicken-roosts	Stabling	119	116
Chignons	Toilet	132	161
Children's carriages	Carriages and Wagons	21	31
Children's hand-cars	Carriages and Wagons	21	31
Children's toys	Games and Toys	46	143
Chills	Casting	22	33
Chimney-caps	Stoves and Furnaces	126	154
Chimney-cleaners	Stoves and Furnaces	126	154
Chimney cleaners, Lamp	Kitchen Utensils	65	90
Chimney-cowls	Stoves and Furnaces	126	166
Chimney-pots	Clay	25	115
Chimneys	Stoves and Furnaces	126	4
Chimneys, Lamp	Lamps and Gas-Fittings	67	90
Chimneys, Operating ships'	Ships; 1	114	138
China-ware	Clay	25	115
Chiroplasts	Music	84	102
Chiropodic instruments	Surgery	128	156
Chisels, Carpenters'	Wood-Working; 4	145	49
Chisels, Grafting	Wood-Working; 4	145	63
Chisels, Joiners'	Wood-Working; 4	145	49
Chisels, Manufacture of	Metal-Working; 6	81B	49
Chisels, Pruning	Wood-Working; 4	145	63
Chocks, Door	Builders' Hardware	16	24
Chronographs	Horology	58	36
Chronographs, Electro-magnetic	Electricity	36	36
Chronometers	Horology	58	36
Chronoscopes	Horology	58	36

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub-description classification.
Chronoscopes, Electro-magnetic	Electricity	36	36
Chucks for metal-lathes	Metal-Working; 7	82	100
Chucks for wood-lathes	Wood-Working; 1	142	172
Churn-dashers	Dairy	31	45
Churn-powers	Mechanical Powers	74	45
Churns	Dairy	31	45
Chutes for carrying logs	Hydraulic Engineering	61	82
Chutes for coals	Hydraulic Engineering	61	79
Chutes for water-courses	Hydraulic Engineering	61	82
Cider-making, (<i>except Presses, Class 100</i>) ..	Beer and Wine	7	19
Cider-mills	Presses	100	19
Cider-presses	Presses	100	19
Cigar-cases	Tobacco	131	160
Cigar-dryers	Dryers and Kilns	34	160
Cigarettes	Tobacco	131	160
Cigarette-fillers	Tobacco	131	160
Cigar-holders	Tobacco	131	160
Cigar-lighters	Lamps and Gas-Fittings	67	90
Cigar-making	Tobacco	131	160
Cigar-molds	Tobacco	131	160
Cigar-presses	Tobacco	131	160
Cigar-racks	Furniture	45	160
Cigars	Tobacco	131	160
Cigars, Compositions for lighting	Gunpowder	52	90
Circuit-breakers	Electricity	36	50
Circuit-closers	Electricity	36	50
Circular looms	Weaving	139	95
Circular saws	Saws	110	131
Circumferentors	Optics	88	157
Cistern-covers	Masonry	72	51
Cistern-pumps	Pumps	103	118
Cisterns	Masonry	72	51
Cisterns, Making sheet-metal	Sheet-Metal	113 B	136
Cistern-tops	Masonry	72	51
Clamps, Carpenters'	Wood-Working; 4	145	29
Clamps for molds	Casting	22	33
Clamps for raising buildings	Hoisting	57	79
Clamps for saw-filing, gumming, and sharpening ..	Grinding and Polishing	51	70
Clamps for sewing harness	Harness	54	72
Clamps for wringers	Laundry	68	91
Clamps, Joiners'	Wood-Working; 3	144	29
Clamps, Shipwrights'	Wood-Working; 4	145	137
Clamps, Stitching	Harness	54	72
Clapboard-sawing machines	Wood-Working; 3	144	131
Clapboards, Machines for gauging	Wood-Working; 3	144	29
Clapboards, Machines for planing	Wood-Working; 3	144	173
Clarifying wines, &c.	Beer and Wine	7	19
Clarinets	Music	84	102
Clasps	Clasps and Buckles	24	23
Clasps for garments	Clasps and Buckles	24	23
Clasps for skirts	Clasps and Buckles	24	23
Clasps, Manufacture of	Hardware Manufactures	53 E	23
Clasps, Rigging	Ships; 1	114	138
Claw-bars	Mechanical Powers	74	67
Claw-hammers	Wood-Working; 4	145	60
Clay-mills	Clay	25	20
Clay pipes	Clay	25	20
Clay-pulverizers	Clay	25	20
Clay-screening machines	Clay	20	20
Clay-working tools, Manufacture of	Metal-Working; 6	81 B	20

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub- scriptive classification.
Cleaving for boilers	Steam ; 2	122	
Cleaving for cylinders	Steam ; 2	122	148
Cleaning carcasses	Butchering	17	25
Cleaning castings	Casting	22	33
Cleaning silk	Silk	117	140
Clearing silk	Silk	117	140
Cleats	Ships ; 1	114	138
Clepsydras	Horology	58	36
Clinchers, Blacksmiths'	Metal-Working ; 6	81A	60
Clinch-rings	Clasps and Buckles	24	23
Clipping-tools	Cutlery	30	135
Clipping-tools, Manufacture of	Hardware Manufactures	53A	135
Clips, Paper	Stationery	120	146
Cloaks	Apparel	2	38
Cloak-stands	Furniture	45	62
Clock-bells	Signals	116	36
Clock-bells, Manufacture of	Hardware Manufactures	53B	36
Clock-cases	Horology	58	36
Clock-keys	Horology	58	36
Clock-pillars, Manufacture of	Hardware Manufactures	53I	36
Clocks	Horology	58	36
Clocks, Electrical	Electricity	36	36
Clocks, Illuminated	Horology	58	36
Clod-crushers	Harrows	55	73
Clogs, (metallic,) Manufacture of	Hardware Manufactures	53	16
Closets, Portable	Furniture	45	62
Closets, Revolving	Furniture	45	62
Cloth-crimping machines	Apparel	2	38
Cloth-cutting machines	Cloth	26	38
Cloth-dressing	Cloth	26	37
Cloth-dryers	Cloth	26	37
Clothes-clamps	Beds	5	91
Clothes-dryers	Laundry	68	91
Clothes-frames	Laundry	68	91
Clothes-hooks, Manufacture of	Hardware Manufactures	53D	23
Clothes-horses	Laundry	68	91
Clothes-line reels	Laundry	68	91
Clothes-lines	Laundry	68	91
Clothes-pins	Laundry	68	91
Clothes-pins, Machines for making	Wood-Working ; 3	144	175
Clothes-pins, Machines for slotting	Wood-Working ; 3	144	175
Clothes-pins, Machines for turning	Wood-Working ; 3	144	175
Clothes-pins, Manufacture of metallic	Hardware Manufactures	53E	24
Clothes-pressing machines	Apparel	2	38
Clothes-sprinklers	Laundry	68	91
Clothes-sticks	Laundry	68	91
Clothes-tongs	Laundry	68	91
Clothes-washers	Laundry	68	91
Clothes wringers	Laundry	68	91
Cloth, Felt	Felting and Hats	38	76
Cloth-finishing	Cloth	26	37
Cloth-folding	Cloth	26	37
Cloth-gassing	Cloth	26	37
Cloth-ironing	Apparel	2	37
Cloth-measuring	Apparel	2	37
Cloth-napping	Apparel	2	37
Cloth-plaiting machines	Apparel	2	37
Cloth-presses	Presses	100	37
Cloth-shearing	Cloth	26	37
Cloth-sponging	Cloth	26	37

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub-description classification.
Cloth-steaming	Cloth	26	37
Cloth-stretching	Cloth	26	37
Cloth-teaseling	Cloth	26	37
Cloth-tentering	Cloth	26	37
Clover-headers	Harvesters	56	75
Clover-hullers	Thrashing	130	159
Clover-seed harvesters	Harvesters	56	75
Club feet, Apparatus for	Artificial Limbs	3	156
Clubs, Exercising	Games and Toys	46	143
Clutches, Animal	Butchering	17	25
Clutches for shafting	Journals and Bearings	64	87
Clutches, Friction	Journals and Bearings	64	87
Clutches, Rope	Mechanical Powers	74	87
Clutch-pulleys for sewing-machines	Sewing-Machines	112	134
Coach-lace	Weaving	139	31
Coal-boxes	Stoves and Furnaces	126	154
Coal-breakers	Ore	90	3
Coal-buckets	Stoves and Furnaces	126	154
Coal-cars	Railways; 2	105	121
Coal-chutes	Hydraulic Engineering	61	79
Coal-driers	Driers and Kilns	34	48
Coal-hods	Stoves and Furnaces	126	154
Coal-hole covers	Paving	94	110
Coal-hole guards	Paving	94	110
Coal-mining	Stone, Lime, and Cement	125	124
Coal-mining buckets	Stone, Lime, and Cement	125	124
Coal, Purification of	Fuel	44	3
Coal-screens	Wire-Working	140	3
Coal-scutiles	Stoves and Furnaces	126	154
Coal-sifters	Wire-Working	140	154
Coal-traps in pavements	Paving	94	110
Coal-washers	Ore	90	3
Coating and lining barrels	Paint	91	107
Coating metallic surfaces	Plating	96	113
Coating or covering yarn	Carding	19	28
Coats	Apparel	2	38
Cock-eyes	Clasps and Buckles	24	23
Cocks	Valves	136	148
Cocks, Blow-off	Valves	136	148
Cocks, Feed	Valves	136	148
Cocks, Gage	Valves	136	148
Cocks, Oil	Valves	136	148
Cocks, Self-closing	Valves	136	148
Cocks, Steam	Valves	136	148
Cocks, Stop	Valves	136	148
Cocks, Try	Valves	136	148
Cocks, Water	Valves	136	148
Cocooneries	Silk	117	140
Cocoon-lodgments	Silk	117	140
Cocoons, Unwinding	Silk	117	140
Coffee-cleaning machines	Mills	83	57
Coffee-cups	Kitchen Utensils	65	88
Coffee-mills	Mills	83	88
Coffee-percolators	Stoves and Furnaces	126	136
Coffee-polishers	Mills	83	57
Coffee-pots	Stoves and Furnaces	126	136
Coffee-roasters	Stoves and Furnaces	126	154
Coffee-urns	Stoves and Furnaces	126	136
Coffer-dams	Hydraulic Engineering	61	82
Coffin-handles	Builders' Hardware	16	39

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub-description classification.
Coffin-handles, Manufacture of	Hardware Manufactures...	53D	39
Coffin-hardware	Builders' Hardware	16	39
Coffin-hardware, Manufacture of	Hardware Manufactures...	53D	39
Coffins	Coffins	27	39
Coffins, Compositions for covering	Coffins	27	39
Coffins, Compositions for making	Coffins	27	39
Coffin-screws	Coffins	27	39
Coffin-screws, Making	Wood-Screws	141	39
Cog-gearing	Mechanical Powers	74	67
Cogs, Machines for making	Wood-Working; 3	144	174
Cogs on wooden wheels, Machines for cutting	Wood-Working; 3	144	174
Coiling or laying slivers	Carding	19	28
Coiling pipes	Tubing and Wire	134	163
Coiling tubes	Tubing and Wire	134	163
Coiling wire	Wire-Working	140	163
Coin-assorters	Measuring-Instruments	73	42
Coin-balances	Measuring-Instruments	73	132
Coin-counting machines	Measuring-Instruments	73	42
Coin detecting, Counterfeit	Measuring-Instruments	73	132
Coin-safes	Safes	109	128
Coir brooms	Brushes and Brooms	15	22
Coke-ovens	Driers and Kilns	34	61
Collapse of boilers, Preventing	Steam; 2	122	149
Collapsible casks for beer, &c	Aëration and Bottling	1	19
Collar-blocks	Harness	54	72
Collar-fastenings, Manufacture of	Hardware Manufactures...	53E	72
Collar-fastenings, Shirt	Claps and Buckles	2	38
Collars, (<i>except of Paper, Class 93</i>)	Apparel	24	38
Collar-shells, Manufacture of	Hardware Manufactures...	53F	72
Collars, Horse	Harness	54	72
Collars, Machines for boxing paper	Paper Manufactures	93	109
Collars, Machines for cutting out paper	Paper Manufactures	93	109
Collars, Machines for embossing paper	Paper Manufactures	93	108
Collars, Machines for folding paper	Paper Manufactures	93	109
Collars, Machines for patching button-holes of paper	Paper Manufactures	93	109
Collars, Machines for planishing paper	Paper Manufactures	93	108
Collars, Machines for punching paper	Paper Manufactures	93	109
Collars, Machines for shaping paper	Paper Manufactures	93	109
Collars, Machines for stuffing	Harness	54	72
Collars, Packing-envelopes for paper	Paper Manufactures	93	109
Collars, Paper	Paper Manufactures	93	109
Collar-straps, Horse	Harness	54	72
Collimators	Optics	88	157
Collodium	Chemical Miscellaneous	23	35
Coloring metals	Metallurgy	75	99
Color-printing	Printing	101	117
Columns, (<i>except Iron, Class 14</i>)	Masonry	72	4
Columns, Iron	Bridges	14	21
Comb-cleaners	Toilet	132	161
Combined reapers and mowers	Harvesters	56	74
Combing-machines	Carding	19	28
Comb-making machines	Wood-Working; 3	144	161
Combs	Toilet	132	161
Combs, (metallic,) Manufacture of	Hardware Manufactures...	53E	161
Commodos	Baths and Closets	4	8
Commutators	Electricity	36	50
Compasses, Draughting	Draughting	33	97
Compasses, Mariners'	Electricity	36	50

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub- scription classification.
Compasses, Surveyors'	Optics	88	50
Composing-machines	Printing	101	117
Composing-sticks	Printing	101	117
Composite-tubing	Clay	25	153
Compositions for belting	Hose and Belting	60	81
Compositions for coating projectiles	Projectiles	102	105
Compositions for elastic tubing	Hose and Belting	60	81
Compositions for hose	Hose and Belting	60	81
Compositions for packing projectiles	Projectiles	102	105
Compositors' appliances	Printing	101	117
Compositors' cases	Printing	101	117
Composts, Fertilizing	Manures	71	96
Composts for fuel	Fuel	44	61
Compressed-air engines	Pneumatics	98	2
Compresses	Surgery	128	156
Compression-casting	Casting	22	33
Compressors for rebaling	Presses	100	7
Computing-tables	Measuring-Instruments	73	42
Concrete pavement	Paving	94	110
Concrete pavement, Devices for laying	Paving	94	110
Concretes	Stone, Lime, and Cement	125	153
Concrete, Structures of	Masonry	72	4
Concussion-fuses	Projectiles	102	105
Condensers	Electricity	36	50
Condensers, Jet	Steam; 2	122	150
Condensers of steam-engines	Steam; 2	122	150
Condensers of stills	Stills	124	47
Condensers, Packing-tubes for	Steam; 2	122	150
Condensers, Surface	Steam; 2	122	150
Condensers, Tubular	Steam; 2	122	150
Condensing milk	Preserving Food	99	58
Conductors' check-boxes	Stationery	120	146
Conductors, Electro-telegraphic	Electricity	36	50
Conductors' punches	Clasps and Buckles	24	146
Confectionery	Sugar	127	155
Confectionery-molds	Kitchen Utensils	65	155
Confectionery-pans	Sugar	127	155
Conformators	Felting and Hats	38	81
Connecting-rods	Mechanical Powers	74	67
Connectors for Voltaic batteries	Electricity	36	50
Construction of vessels	Ships; 1	114	137
Converting iron into steel	Metallurgy	75	85
Converting motion, Apparatus for	Mechanical Powers	74	67
Cooking by gas	Stoves and Furnaces	126	65
Cooking by lamps	Stoves and Furnaces	126	65
Cooking by lime	Stoves and Furnaces	126	154
Cooking by steam	Stoves and Furnaces	126	154
Cooking-ranges	Stoves and Furnaces	126	154
Cooking-stoves	Stoves and Furnaces	126	154
Cooking-stoves, Base-burning	Stoves and Furnaces	126	154
Cooking-stove shields	Stoves and Furnaces	126	154
Cooling-apparatus	Ice	62	19
Cooling-mixtures	Ice	62	19
Cooling-processes	Ice	62	19
Cooling-wort	Beer and Wine	7	19
Coopers' machines	Wood-Working; 3	144	40
Coopers' tools	Wood-Working; 4	145	40
Coopers' tools, Manufacture of	Metal-Working; 6	81B	40
Coping	Masonry	72	4
Copper-furnaces	Metallurgy	75	99

SUBJECT.	Name of class- official classification.	No. of class-official classification.	No. of class-sub- scription classification.
Copper-plate presses	Printing	101	117
Copper-plate printing	Printing	101	117
Copy-tubes	Spinning	118	142
Copy-tubes, Manufacture of	Hardware Manufactures	53H	142
Copy-tubes of paper, Machines for making	Spinning	118	142
Copy-books	Educational	35	146
Copy-books	Educational	35	146
Copy-holders	Educational	120	117
Copying-books	Educational	120	146
Copying figures	Fine Arts	41	54
Copying-instruments	Draughting	33	97
Cord and belt fasteners	Hose and Belting	60	81
Cordage	Cordage	28	127
Corded binding, Machine for making	Cordage	28	17
Corded fabrics	Weaving	139	95
Corders for sewing-machines	Sewing-Machines	112	134
Cords	Cordage	28	127
Core-boxes	Casting	22	133
Cores	Casting	22	133
Cores for dikes	Hydraulic Engineering	61	82
Cores, Ventilating	Casting	22	33
Cork hats	Felting and Hats	38	81
Corking-machines	Aëration and Bottling	1	1
Cork-making machines	Wood-Working; 1	142	176
Cork-presses	Aëration and Bottling	1	1
Cork-pullers	Kitchen Utensils	65	88
Corks, Artificial	Aëration and Bottling	1	1
Corkscrews	Kitchen Utensils	65	88
Corks, Machines for polishing	Wood-Working; 1	142	176
Corks, Machines for turning	Wood-Working; 1	142	176
Corn-ball molds	Kitchen Utensils	65	88
Corn brooms	Brushes and Brooms	15	22
Corn-coverers	Plows	97	114
Corn-cribs	Thrashing	130	59
Corn-cutting machines	Harvesters	56	75
Cornets	Music	84	102
Corn-graters	Kitchen Utensils	65	88
Corn-harvesters	Harvesters	56	75
Corn huskers and shellers	Thrashing	130	59
Corn-husking gloves	Thrashing	130	59
Corn-husking machines	Thrashing	130	59
Corn-husk splitters	Brakes and Gins	13	59
Cornice, Metallic	Masonry	72	4
Corning gunpowder	Gunpowder	52	71
Corn-knives	Cutlery	30	44
Corn-mills	Mills	83	58
Corn-poppers	Stoves and Furnaces	126	154
Corn-shellers	Thrashing	130	58
Corn-shocking machines	Harvesters	56	75
Corn-shock tyers	Harvesters	56	75
Corns, Instruments for removing	Surgery	128	156
Corn-stalk choppers	Harrows	55	75
Corpse-coolers	Ice	62	39
Corpse-embalming	Chemical Miscellaneous	23	39
Corrugating machines, Leather	Leather	69	92
Corrugating plates	Metal-Working; 1	76	136
Corrugating wire	Wire-Working	140	170
Corset-clasps	Crinoline and Corsets	29	38
Corset-fastenings	Crinoline and Corsets	29	38

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub- scription classification.
Corsets.....	Crinoline and Corsets.....	29	38
Cosmetics.....	Chemical Miscellaneous.....	23	98
Cotton-bale ties.....	Presses.....	100	8
Cotton-choppers.....	Plows.....	97	43
Cotton-cleaners.....	Carding.....	19	28
Cotton-gins.....	Brakes and Gins.....	13	41
Cotton-pickers.....	Harvesters.....	56	41
Cotton-pickers, (Factory).....	Carding.....	19	28
Cotton-presses.....	Presses.....	100	7
Cotton-scrapers.....	Plows.....	97	43
Cotton-seed for planting, Preparing.....	Seeders and Planters.....	111	133
Cotton-stalk choppers.....	Harrows.....	55	43
Cotton-toppers.....	Harvesters.....	56	43
Cotton-toppers.....	Plows.....	97	43
Couches.....	Beds.....	5	62
Couches for railway-cars.....	Railways; 2.....	105	121
Counter-extension apparatus.....	Artificial Limbs.....	3	15
Counterpoise gun-carriages.....	Ordnance.....	89	105
Counters.....	Boots and Shoes.....	12	16
Countersink-bits.....	Wood-Working; 4.....	145	173
Countersink-tools for metal.....	Metal-Working; 2.....	77	100
Counters, Store and shop.....	Furniture.....	45	62
Counting-machines.....	Measuring-Instruments.....	73	42
Coupling pistols to gun-stocks.....	Fire-Arms.....	42	55
Couplings, Band.....	Hose and Belting.....	60	87
Couplings, Belt.....	Hose and Belting.....	60	81
Couplings, Car.....	Railways; 3.....	106	122
Couplings, Cord.....	Hose and Belting.....	60	81
Coupling, Shaft.....	Journals and Bearings.....	64	87
Couplings, Pipe.....	Water Distribution.....	137	167
Couplings, (pipe,) Manufacture of.....	Hardware Manufactures.....	53K	167
Couplings, Thill.....	Carriages and Wagons.....	21	31
Covering for steam-boilers.....	Steam; 2.....	122	148
Covering of wire, wireropes, and cables.....	Wire-Working.....	140	170
Covering-rollers.....	Spinning.....	118	142
Cow-bells, Manufacture of.....	Hardware Manufactures.....	53B	10
Cow-milkers.....	Dairy.....	31	45
Cowls.....	Stoves and Furnaces.....	126	166
Cracker-crushers.....	Kitchen Utensils.....	65	88
Cracker-machines.....	Kitchen Utensils.....	65	88
Cradles.....	Beds.....	5	62
Cradles for building vessels.....	Hydraulic Engineering.....	61	137
Cradles for launching vessels.....	Hydraulic Engineering.....	61	137
Cradles for raising vessels.....	Hydraulic Engineering.....	61	137
Cradles, Grain.....	Harvesters.....	56	74
Cranberry-gatherers.....	Garden and Orchard.....	47	63
Cranes.....	Hoisting.....	57	79
Crank-connections.....	Mechanical Powers.....	74	67
Crank-motions.....	Mechanical Powers.....	74	67
Crank, overcoming the dead-points of.....	Mechanical Powers.....	74	67
Crank-pins.....	Mechanical Powers.....	74	67
Cranks.....	Mechanical Powers.....	74	67
Crank, Substitutes for the.....	Mechanical Powers.....	74	67
Crates for fruit, fish, vegetables, &c.....	Kitchen Utensils.....	65	63
Cravat-holders.....	Apparel.....	2	38
Cravats.....	Apparel.....	2	38
Crayons.....	Fine Arts.....	41	54
Cream-heaters.....	Dairy.....	31	45
Cream-stands.....	Dairy.....	31	45
Cream-strainers.....	Dairy.....	31	45

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub-description classification.
Creasers for sewing-machines	Sewing-Machines	112	134
Creasing machines, Leather	Leather	69	92
Creels, Warping	Cordage	28	17
Cressets	Lamps and Gas-Fittings	67	154
Cribbing, Devices to prevent	Harness	54	72
Cribs	Beds	5	62
Crickets for stoves, Heating	Stoves and Furnaces	126	154
Crimping-machines and tools	Boots and Shoes	12	16
Crimping sheet-metal	Sheet-Metal	113A	136
Cringles	Ships; 1	114	138
Crinoline	Crinoline and Corsets	29	38
Crinoline, Weaving	Weaving	139	38
Crochet	Apparel	2	38
Crochet-needles, Making	Needles and Pins	86	104
Croquet	Games and Toys	46	143
Croquet-mallets, &c	Games and Toys	46	143
Crosscut-saws	Saws	110	131
Cross-heads of steam-engines	Steam; 1	121	150
Crossings for railways, Making	Railways; 4	107	120
Crossings, Railway	Railways; 1	104	120
Crossing signals, Railway	Signals	116	120
Crow-bars	Mechanical Powers	74	67
Crown-glass	Glass	49	68
Crucibles, Making	Clay	25	115
Crucibles for metal	Clay	25	99
Crucible-molds	Clay	25	115
Cruet-stands	Kitchen Utensils	65	88
Crumb-removers	Kitchen Utensils	65	88
Cruppers	Harness	54	72
Crupper-loops	Harness	54	72
Crushers, Sugar	Mills	83	155
Crutches	Artificial Limbs	3	156
Cuff-buttons	Clasps and Buckles	24	86
Cuff-buttons, Manufacture of	Hardware Manufactures	53E	86
Cuffs	Apparel	2	38
Cuffs, Paper	Paper Manufactures	93	109
Cuff-supporters	Apparel	2	138
Culinary ladles	Kitchen Utensils	65	88
Cultivators	Plows	97	43
Cultivators, Frames for	Plows	97	43
Cultivators, Wheel	Plows	97	43
Cultivator-teeth	Plows	97	43
Culverts	Masonry	72	4
Cupboard-catches	Locks and Latches	70	93
Cupola-furnaces	Metallurgy	75	85
Cupping-instruments	Surgery	128	156
Cups	Kitchen Utensils	65	88
Cups, Medicinal	Surgery	128	156
Curbs for wells	Excavators	37	51
Curbs, Pavement	Paving	94	110
Curculio-traps	Garden and Orchard	47	63
Curd-cutters	Dairy	31	45
Curing meat and fish, (<i>except Smoking and Drying, Class 34</i>)	Preserving Food	99	58
Curled hair and its substitutes	Beds	5	62
Curling hat-brims	Felting and Hats	38	76
Curling-irons	Toilet	132	161
Curls	Toilet	132	161
Currcy-holders	Stationery	120	146
Current-fenders	Hydraulic Engineering	61	82

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub- scripti- on classifi- cation.
Current-regulators.....	Electricity.....	36	50
Current-wheels.....	Water-Wheels.....	138	168
Curry-combs.....	Stabling.....	119	144
Currying-machines.....	Tanning.....	129	92
Currying-tools.....	Tanning.....	129	92
Currying-tools.....	Stabling.....	119	144
Curtain-fixtures.....	Furniture.....	45	62
Curtains.....	Furniture.....	45	62
Curved printing-surfaces, Making.....	Printing.....	101	117
Cushions for pins, needles, and sewing-work.....	Apparel.....	2	38
Cuspadores.....	Furniture.....	45	62
Cutlery, Manufacture of.....	Hardware Manufactures.....	53A	34
Cut nails.....	Nails.....	85	104
Cut-off apparatus.....	Steam; 1.....	121	152
Cut-offs, Governor.....	Governors.....	50	69
Cut-offs for harvesters.....	Harvesters.....	56	74
Cut-off valves.....	Valves.....	136	152
Cut-off, Variable.....	Steam; 1.....	121	152
Cut-piled fabrics.....	Weaving.....	139	95
Cutter-heads of planing-machines.....	Wood-Working; 2.....	143	173
Cutters, Bolt.....	Metal-Working; 6.....	81A	14
Cutters, Feed.....	Stabling.....	119	59
Cutters, Harvester.....	Harvesters.....	56	74
Cutters of molding and planing machines.....	Wood-Working; 2.....	143	173
Cutters, Paper.....	Paper Manufactures.....	93	110
Cutters, Pipe.....	Metal-Working; 6.....	81A	100
Cutters, Rod.....	Metal-Working; 6.....	81A	100
Cutters, Root.....	Stabling.....	119	59
Cutters, Sod.....	Plows.....	97	114
Cutters, Straw, hay, &c.....	Stabling.....	119	59
Cutter-stocks for metal-planers.....	Metal-Working; 7.....	82	100
Cutting blanks from bars or plates.....	Metal-Working; 4.....	79	119
Cutting-boards for leather.....	Boots and Shoes.....	12	16
Cutting dye-wood.....	Wood-Working; 3.....	144	176
Cutting flock.....	Felting and Hats.....	38	76
Cutting fur.....	Felting and Hats.....	38	76
Cutting-gages.....	Wood-Working; 4.....	145	173
Cutting glass.....	Grinding and Polishing.....	51	68
Cutting jewels.....	Grinding and Polishing.....	51	86
Cutting machines, Belt.....	Hose and Belting.....	60	81
Cutting-machines, Belt-lacing.....	Hose and Belting.....	60	81
Cutting machines, Leather.....	Leather.....	69	92
Cutting out garments.....	Apparel.....	2	38
Cutting planchets from bars or plates.....	Metal-Working; 4.....	79	119
Cutting slate and stone.....	Stone, Lime, and Cement.....	125	153
Cutting-tools for lathes and planers.....	Metal-Working; 7.....	82	100
Cutting wood-screws.....	Wood-Screws.....	141	175
Cylinder glass.....	Glass.....	49	68
Cylinders, Boring.....	Metal-Working; 2.....	77	100
Cylinders, Steam.....	Steam; 1.....	121	150
Cylindrical saws.....	Saws.....	110	130
Cymbals.....	Music.....	84	102
D.			
Dairies.....	Dairy.....	31	45
Dairy-implements.....	Dairy.....	31	45
Dampers for furnaces.....	Stoves and Furnaces.....	126	145

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub- scription classification.
Dampers for musical instruments.....	Music	84	102
Dampers for stoves	Stoves and Furnaces	126	154
Damping machines, Paper	Printing	101	117
Dams	Hydraulic Engineering.....	61	82
Dancing figures	Games and Toys.....	46	143
Darning-lasts	Apparel	2	38
Darning-machines	Apparel	2	89
Darning-machines	Knitting and Netting	66	89
Davits	Boats	9	13
Dead-eyes	Ships ; 1.....	114	138
Dead-eyes for canal-boats	Ships ; 1.....	114	138
Dead-lights	Ships ; 1.....	114	138
Decarbonizing iron	Metallurgy	75	85
Deck-bridges	Ships ; 1.....	114	137
Deck-covers	Ships ; 1.....	114	137
Deck-irons	Ships ; 1.....	114	137
Decks	Ships ; 1.....	114	137
Deck-scrapers	Wood-Working ; 4	145	137
Decks, Fire-proof	Ships ; 1.....	114	137
Decks, Water-proof	Ships ; 1.....	114	137
Decorative gilding	Fine Arts	41	107
Decorative painting	Fine Arts	41	107
Defecators for juices and sirups.....	Sugar	127	155
Daguerreotype	Photography	95	111
Delineators of grades and routes.....	Optics	88	157
Dental-compositions	Dental	32	46
Dental-drills	Dental	32	46
Dental-fillings	Dental	32	46
Dental-forceps	Dental	32	46
Dental-instruments	Dental	32	46
Dental-mallets	Dental	32	46
Dental-plates	Dental	32	46
Dental-plates, Casting	Dental	32	46
Dentifrices	Chemical Miscellaneous	23	46
Dentures	Dental	32	46
Deodorizers	Chemical Miscellaneous	23	98
Deodorizing benzole	Stills	124	98
Deodorizing excrements	Manures	71	98
Deodorizing offal	Manures	71	98
Deodorizing vaults	Manures	71	98
Departure and distance instruments	Optics	88	157
Depilating hides	Tanning	129	92
Depilatories	Chemical Miscellaneous	23	92
Depurators	Surgery	128	156
Dermopathic-instruments	Surgery	128	156
Derricks	Hoisting	57	79
Derricks, Floating	Hoisting	57	79
Desk-covers	Furniture	45	62
Desk paper-cutters	Stationery	120	146
Desks	Furniture	45	62
Desiccating grain, food, farina, &c.....	Dryers and Kilns	34	48
Desulphurizing coal	Metallurgy	75	99
Desulphurizing-furnaces	Metallurgy	75	99
Desulphurizing ores	Metallurgy	75	99
Detaching boats from davits	Boats	9	13
Detaching horses from vehicles.....	Carriages and Wagons	21	31
Detergents	Chemical Miscellaneous	23	98
Detonating compositions	Gunpowder	52	71
Developing, Photographic	Photography	95	111
Dextrine	Bleaching, Dyeing, &c.....	8	11

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub- scription classification.
Dials	Horology	58	36
Dials, Time-piece	Horology	58	36
Diamond-drills	Stone, Lime, and Cement	125	124
Diamond-planers	Stone, Lime, and Cement	125	153
Diamond-saws	Stone, Lime, and Cement	125	153
Diamonds, Glaziers'	Glass	49	68
Diaper-pins	Jewelry	63	86
Diapers	Apparel	2	38
Dibblers, Hand	Seeders and Planters	111	133
Dibbling-machines	Seeders and Planters	111	133
Dice	Games and Toys	46	143
Dice-throwers	Games and Toys	46	143
Die-rolling	Metal-Working; 5	80	125
Dies for cutting screws	Bolts, Nuts, and Rivets	10	14
Dies for dentists	Dental	32	46
Dies for making articles of cutlery	Hardware Manufacture	53A	44
Dies for making spikes and nails	Nails	85	103
Dies for pressing hats	Felting and Hats	38	76
Dies for sheet-metal ware	Sheet-Metal	113A	136
Dies for swaging	Metal-Working; 3	78	131
Die-sinking	Fine Arts	41	143
Die-stocks	Bolts, Nuts, and Rivets	10	14
Differential levers	Mechanical Powers	74	67
Digesters for bones, fats, &c.	Stoves and Furnaces	126	26
Digesters for cooking	Stoves and Furnaces	126	154
Diggers, Hand	Garden and Orchard	47	141
Diggers, Peanut	Plows	97	141
Diggers, Potato	Plows	97	114
Diggers, Root	Plows	97	114
Diggers, Thistle	Garden and Orchard	47	141
Digging-forks	Garden and Orchard	47	141
Digging-machines	Plows	97	114
Dikes	Hydraulic Engineering	61	82
Dinner-buckets	Kitchen Utensils	65	136
Dinner-pails	Kitchen Utensils	65	136
Dioptric lights	Optics	88	90
Dippers	Kitchen Utensils	65	136
Dipping-frames for matches	Wood-Working; 3	144	90
Disabling ordnance, Instruments for ..	Ordnance	89	105
Dish-covers	Kitchen Utensils	65	88
Dish-cleaners	Kitchen Utensils	65	88
Dish-cloth holders	Kitchen Utensils	65	88
Dish-drainers	Kitchen Utensils	65	88
Dishes	Kitchen Utensils	65	88
Dish-fasteners	Kitchen Utensils	65	88
Dish-heaters	Stoves and Furnaces	126	154
Dish-holders	Kitchen Utensils	65	88
Dish-stands	Kitchen Utensils	65	88
Dish-trays	Kitchen Utensils	65	88
Dish-washers	Kitchen Utensils	65	88
Disinfecting apparatus, (<i>except Atom- izers, Class 62</i>)	Chemical Miscellaneous	23	35
Disintegrating ores	Ore	90	3
Dislocation apparatus	Artificial Limbs	3	156
Dissected maps	Educational	35	146
Distillation	Stills	124	47
Distributing boxes, Mail	Stationery	120	146
Distributing-machines	Printing	101	117
Ditching-machines	Excavators	37	114
Ditching-plows	Plows	97	114

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub-description classification.
Ditching spades and scoops	Garden and Orchard	47	114
Dividers, Measuring	Drafting	33	97
Diving-apparatus	Hydraulic Engineering	61	82
Diving-bells	Hydraulic Engineering	61	82
Dock-holders for horses	Surgery	128	156
Docks, Dry	Hydraulic Engineering	61	82
Docks, Floating	Ships; 1	114	82
Docks, Graving	Hydraulic Engineering	61	82
Docks, Tidal	Hydraulic Engineering	61	82
Docks, Wet	Hydraulic Engineering	61	82
Doffing apparatus	Carding	19	28
Dog-collars	Harness	54	72
Dog-muzzles	Harness	54	72
Dog-powers	Mechanical Powers	74	159
Dogs, Bench	Wood-Working; 4	145	174
Dogs for metal-lathes and planers	Metal-Working; 7	82	100
Dogs for saw-mills	Saws	110	130
Dogs for wood-lathes	Wood-Working; 1	142	172
Dolls	Games and Toys	46	143
Dolls, Composition for	Chemical Miscellaneous	23	143
Domes	Masonry	72	4
Domestic furnaces	Stoves and Furnaces	126	154
Door-alarms	Signals	116	24
Door-bells	Signals	116	24
Door-bells, Manufacture of	Hardware Manufacture	53B	24
Door-bolts	Builders' Hardware	16	24
Door-buttons	Builders' Hardware	16	24
Door-checks	Builders' Hardware	16	24
Door-checks, Manufacture of	Hardware Manufacture	53B	24
Door-fasteners	Locks and Latches	70	24
Door-hangers	Carpentry	20	24
Door-hangers	Builders' Hardware	16	24
Door-hinges	Builders' Hardware	16	24
Door-holders	Builders' Hardware	16	24
Door-indicators	Stationery	120	24
Door-knobs	Locks and Latches	70	24
Door-locks	Locks and Latches	70	93
Door-mats	Brushes and Brooms	15	22
Door-operators	Builders' Hardware	16	24
Door-plates	Stationery	120	24
Door-plates, Attaching	Builders' Hardware	16	24
Door-pulls	Builders' Hardware	16	24
Doors	Carpentry	20	30
Door-securers	Builders' Hardware	16	24
Doors for steam-boiler furnaces	Steam; 2	122	148
Door-sheaves	Builders' Hardware	16	24
Doors, Machines for making	Wood-Working; 2	143	173
Door-springs	Builders' Hardware	16	24
Door-springs, Manufacture of	Hardware Manufacture	53 B	24
Doors, Sliding	Carpentry	20	30
Door-stops	Builders' Hardware	16	24
Door-strips, Manufacture of	Hardware Manufacture	53 B	30
Double-piled fabrics	Weaving	139	90
Double-seaming machines for sheet-metal	Sheet-Metal	113 A	136
Double shovel-plows	Plows	97	114
Double-trees	Carriages and Wagons	21	31
Doubling-machines	Spinning	118	142
Doubling silk	Silk	117	140
Douche-instruments	Surgery	128	156

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub- scription classification.
Dough-kneaders	Kitchen Utensils	65	88
Dough-machines	Kitchen Utensils	65	88
Dough-raisers	Kitchen Utensils	65	88
Dough-rollers	Kitchen Utensils	65	88
Dovetailing-machines	Wood-Working; 2	143	30
Dowels, Machines for turning	Wood-Working; 1	142	175
Drafting-instruments	Drafting	33	97
Drafting-scales	Drafting	33	97
Draftsman's tools and appliances	Drafting	33	97
Draft-regulators for steam-boiler furnaces	Steam; 2	122	148
Drag-bars for drill-teeth	Seeders and Planters	111	133
Drag-saws	Saws	110	130
Draining cellars	Pumps	103	118
Draining cellars, Automatic devices for	Hydraulic Engineering	61	82
Draining-pipes	Clay	25	20
Draining-plows	Plows	97	114
Draining-tiles	Clay	25	20
Drain-tiles, Machines for, and modes of laying	Hydraulic Engineering	61	20
Drapery-fasteners	Furniture	45	62
Draught of water, Ascertaining	Ships; 1	114	137
Draught-regulators	Stoves and Furnaces	126	154
Draw-bars for railway-cars	Railways; 3	106	122
Draw-benches	Tubing and Wire	134	163
Draw-bridges	Bridges	14	21
Draw-bridge signals	Signals	116	158
Draw-plates for tubing	Tubing and Wire	134	163
Draw-plates for wire	Tubing and Wire	134	163
Drawer-locks	Locks and Latches	70	93
Drawer-pulls	Builders' Hardware	16	93
Drawers	Apparel	2	38
Drawers for closets	Furniture	45	62
Drawers for furniture	Furniture	45	62
Draw-gage cutters	Harness	54	72
Drawing and twisting heads and tubes	Spinning	118	142
Drawing-boards	Fine Arts	41	54
Drawing-knives	Wood-Working; 4	145	49
Drawing liquids	Pumps	103	118
Drawing-machines	Spinning	118	142
Drawing-metals	Tubing and Wire	134	163
Drawing-rollers	Spinning	118	142
Drawing-rollers, Cleaners for	Spinning	118	142
Drawing-tables	Furniture	45	62
Drawing-tubes	Tubing and Wire	134	163
Drawing wire	Tubing and Wire	134	163
Draw-rolls for tubing	Tubing and Wire	134	163
Dredges, Oyster	Fishing	43	143
Dredging boxes, Flour	Kitchen Utensils	65	88
Dredging-machines	Excavators	37	82
Dress-cord	Cordage	28	17
Dressing and finishing hosiery	Knitting and Netting	66	89
Dressing-cases	Toilet	132	161
Dressing cloth	Cloth	26	37
Dressing leather	Tanning	129	92
Dressing-machines, (wood)	Wood-Working; 2	143	173
Dressing slate and stone	Stone, Lime, and Cement	125	153
Dressing yarn, warp, thread, &c.	Cordage	28	17
Dress-pins	Jewelry	63	86
Dress-protectors	Apparel	2	38

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub- scription classification.
Dress-supporters	Apparel	2	80
Drifts	Metal-Working; 2	77	119
Drill-bits	Metal-Working; 2	77	100
Drill-gages	Metal-Working; 2	77	100
Drilling-jigs	Metal-Working; 2	77	100
Drilling machines, Metal	Metal-Working; 2	77	100
Drilling metals	Metal-Working; 2	77	100
Drill-rests, Metal	Metal-Working; 2	77	100
Drill-rod grabs	Stone, Lime, and Cement	125	124
Drill-rollers	Seeders and Planters	111	133
Drills, Dental	Dental	32	46
Drills, Diamond	Stone, Lime, and Cement	125	124
Drills, Expanding rock	Stone, Lime, and Cement	125	124
Drills for wells	Stone, Lime, and Cement	125	51
Drills, Gages for	Metal-Working; 2	77	100
Drills, Grain	Seeders and Planters	111	133
Drills, Ratchet	Metal-Working; 2	77	100
Drills, Rock	Stone, Lime, and Cement	125	124
Drills, Stone	Stone, Lime, and Cement	125	124
Drill-stocks	Metal-Working; 2	77	100
Drills, Twist	Metal-Working; 2	77	100
Drills, Watchmakers'	Metal-Working; 2	77	36
Drill-teeth	Seeders and Planters	111	133
Drinking-cups	Kitchen Utensils	65	88
Drinking-tubes for invalids	Surgery	128	156
Driven-wells	Water-Distribution	137	167
Drop-hammers	Metal-Working; 3	78	100
Drop-drills	Seeders and Planters	111	133
Dropping-bottles	Measuring-Instruments	73	98
Dropping-platforms for harvesters	Harvesters	56	74
Dropping-tubes	Measuring-Instruments	73	98
Drop-lights	Lamps and Gas-Fittings	67	64
Drop-meters	Measuring-Instruments	73	98
Drop-presses	Metal-Working; 3	78	100
Drug-crushers	Surgery	128	156
Druggets	Weaving	139	56
Drug-mills	Mills	83	98
Drugs	Chemical Miscellaneous	23	98
Drums	Music	84	102
Drums, Belt	Journals and Bearings	64	87
Drums, (keg,) Machines for making	Wood-Working; 3	144	40
Dry-docks	Hydraulic Engineering	61	82
Dry-goods packers	Presses	100	7
Drying apparatus, (except Clothes, Class 68; Paper, Class 92)	Dryers and Kilns	34	48
Drying fruit	Dryers and Kilns	34	48
Drying gunpowder	Gunpowder	52	71
Drying-houses	Dryers and Kilns	34	48
Drying-kilns	Dryers and Kilns	34	48
Drying yarn	Cordage	28	17
Dubbing	Oils, Fats, and Glue	87	26
Dulcimers	Music	84	102
Dumb-bells	Games and Toys	46	143
Dumb-jockeys	Harness	54	72
Dumb-waiters	Hoisting	57	79
Dummies	Steam; 3	123	94
Dummies for displaying clothing	Apparel	2	38
Dummy-cars	Railways; 2	105	121
Dumping-buckets	Excavators	37	79
Dumping-cars	Railways; 2	105	121

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub- scription classifica- tion.
Dumping-carts	Carriages and Wagons.....	21	31
Dumping-reels for harvesters	Harvesters	56	74
Dumping-tubs and buckets	Hoisting	57	79
Dumping-wagons	Carriages and Wagons.....	21	31
Dust from cars, Excluding.....	Pneumatics	98	121
Dust-pans	Furniture.....	45	62
Dust-receptacles	Furniture.....	45	62
Dyeing	Bleaching and Dyeing.....	8	11
Dyeing apparatus	Bleaching and Dyeing.....	8	11
Dyeing materials	Bleaching and Dyeing.....	8	11
Dyeing processes	Bleaching and Dyeing.....	8	11
Dyes	Bleaching and Dyeing.....	8	11
Dye-vats	Bleaching and Dyeing.....	8	11
Dye-wood extracts.....	Bleaching and Dyeing.....	8	11
Dyewood, Machines for cutting.....	Wood-Working; 3	144	176
Dynamite	Gunpowder	52	71
Dynamometers	Measuring-Instruments.....	73	132
Dyspepsia, Instruments for treating.....	Surgery.....	128	156
E.			
Ear, Apparatus for treating the.....	Surgery	128	156
Ear-drops and rings.....	Jewelry	63	86
Ear-explorers.....	Surgery	128	156
Ear, Instruments for treating the.....	Surgery	128	156
Ears, Artificial	Artificial Limbs.....	3	5
Earth-boring	Excavators	37	51
Earth-closets	Baths and Closets	4	8
Earthenware	Clay.....	25	115
Earth-removing machines.....	Excavators	37	79
Earth-works	Excavators	37	51
Earth-worm traps	Garden and Orchard	47	63
Ear-trumpets	Artificial Limbs.....	3	156
Ear-tubes	Artificial Limbs.....	3	156
Easels	Fine Arts	41	54
Eave-troughs	Roofing.....	108	126
Eave-troughs, Machines for making wooden	Wood-Working; 3	144	30
Eccentrics	Mechanical Powers	74	87
Edge-planes for soles	Boots and Shoes.....	12	16
Edge-planes, (wood)	Wood-Working; 4	145	49
Edge-tools, (not cutlery,) Manufacture of.....	Metal-Working; 6	81B	49
Edging-irons	Garden and Orchard	47	63
Educational devices	Educational	35	146
Eel-traps	Fishing	43	143
Effervescing preparations for beverages.....	Aëration and Bottling.....	1	1
Egg-assorters	Stabling	119	116
Egg-beaters	Kitchen Utensils	65	88
Egg-boilers	Stoves and Furnaces	126	154
Egg-carriers	Stabling	119	116
Egg-cups	Kitchen Utensils	65	88
Egg-hatching apparatus.....	Stabling	119	116
Egg-packers	Stabling	119	116
Egg-pans	Kitchen Utensils	65	88
Eggs, Preserving.....	Preserving Food	99	116
Egg-testers	Kitchen Utensils	65	116
Ejectors, Liquid	Pumps.....	103	118
Elbow-levers for pulls, Manufacture of.....	Hardware Manufacture.....	53B	24
Electrical apparatus	Electricity.....	36	50

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub-description classification.
Electrical balances	Electricity	36	50
Electrical machines	Electricity	36	50
Electric fuses	Electricity	36	50
Electric lights	Electricity	36	90
Electrizing blood, Instruments for	Electricity	36	156
Electrodes	Electricity	36	50
Electro-magnetic apparatus	Electricity	36	50
Electro-magnetic engines	Electricity	36	50
Electro-magnetic machines	Electricity	36	50
Electro-magnetic meteorological instruments	Electricity	36	50
Electro-magnets	Electricity	36	50
Electrometers	Electricity	36	50
Electronomes	Electricity	36	50
Electrophorus	Electricity	36	50
Electro-plating, Baths and batteries for	Electricity	36	113
Electro-plating	Plating	96	113
Electrotyping	Plating	96	164
Electrotyping, Baths and batteries for	Electricity	36	164
Electrotyping, Producing the matrix for	Printing	101	164
Elevated railways	Railways; 1	104	120
Elevating scaffolds	Carpentry	20	79
Elevators	Hoisting	57	79
Elevators for bricks	Hoisting	57	79
Elevators for grain	Hoisting	57	79
Elevators for houses	Hoisting	57	79
Elevators for mortar	Hoisting	57	79
Elevators for warehouses	Hoisting	57	79
Elevators, Water	Pumps	103	118
Ellipsographs	Drafting	33	97
Embalming compositions	Chemical Miscellaneous	23	39
Embalming processes	Chemical Miscellaneous	23	39
Embankments, Making and repairing	Hydraulic Engineering	61	82
Embossing glass	Glass	49	68
Embossing hats	Felting and Hats	35	76
Embossing-machines	Fine Arts	41	54
Embossing machines, Leather	Leather	69	92
Embossing-presses	Book-Binding	11	15
Embossing sheet-metal	Sheet-Metal	113A	136
Embroidery attachments for sewing-machines	Sewing-Machines	112	134
Emery-paper	Grinding and Polishing	51	70
Emery-wheels	Grinding and Polishing	51	70
Emery-wheels, Compositions for	Grinding and Polishing	51	70
Enameling culinary vessels	Clay	25	68
Enameling-furnaces for metals	Metallurgy	75	100
Enameling hardware	Clay	25	68
Enameling of cloth	Paint	91	107
Enameling of leather	Paint	91	92
Enameling on metal	Fine Arts	41	68
Enameling-ovens	Dryers and Kilns	34	86
Enameling paper	Paper-Making	92	108
Enamels, Vitreous	Glass	49	68
Enchasing	Fine Arts	41	54
Engine-lathes	Metal-Working; 7	82	100
Engines, Agricultural	Steam; 3	123	94
Engines, Air	Pneumatics	98	2
Engines, Air-compressing	Pneumatics	98	12
Engines, Ammonia	Pneumatics	98	2

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub-description classification.
Engines, Blast	Pneumatics	98	12
Engines, Caloric	Pneumatics	98	2
Engines, Carbonic-acid	Pneumatics	98	2
Engines, Compressed-air	Pneumatics	98	2
Engines, Dummy	Steam; 3	123	94
Engines for operating rock-drills	Steam; 1	121	150
Engines for operating steam-hammers	Steam; 1	121	150
Engines for operating steam-pumps	Steam; 1	121	150
Engines, Gas	Pneumatics	98	2
Engines, Gunpowder	Pneumatics	98	2
Engines, Locomotive	Steam; 3	123	94
Engines, Marine steam	Steam; 1	121	150
Engines, Oscillating	Steam; 1	121	150
Engines, Portable	Steam; 3	123	94
Engines, Reciprocating	Steam; 1	121	150
Engines, Rotary	Steam; 1	121	150
Engines, Stationary	Steam; 1	121	150
Engines, Steam	Steam; 1	121	150
Engines, Steam fire	Steam; 1	121	118
Engines, Steam plow	Steam; 3	123	94
Engines, Traction	Steam; 3	123	94
Engines, Valve-gear for	Steam; 1	121	152
Engines, Vapor, (except steam)	Pneumatics	98	2
Engravers' clutches	Fine Arts	41	54
Engravers' tools	Fine Arts	41	54
Engravers' vises	Fine Arts	41	54
Engraving, Copper-plate	Fine Arts	41	54
Engraving, Electric apparatus for	Electricity	36	54
Engraving-machines	Fine Arts	41	54
Engraving pantographs	Fine Arts	41	97
Engraving-processes	Fine Arts	41	54
Engraving, Steel-plate	Fine Arts	41	54
Engraving, Wood	Fine Arts	41	54
Envelope-fasteners	Stationery	120	146
Envelope-making machines	Paper Manufacture	93	109
Envelope-openers	Stationery	120	146
Envelopes	Paper Manufacture	93	146
Envelopes and letter-sheets combined	Paper Manufacture	93	146
Eolians	Music	84	102
Epaulets	Apparel	2	38
Epergues	Kitchen Utensils	65	88
Eprouvettes	Measuring-Instruments	73	71
Equalizing-bars	Carriages and Wagons	21	31
Erasers	Stationery	120	146
Escapements	Horology	58	36
Escapements, Electrical	Electricity	36	50
Escape-pipes for steam-engines	Steam; 3	123	150
Escape-valves	Valves	136	152
Etching	Fine Arts	41	54
Eudiometers	Measuring-Instruments	73	101
Evaporators for saccharine juices	Sugar	127	155
Evaporators for salines	Sugar	127	129
Evaporators for vegetable extracts	Sugar	127	155
Evening cloth	Cloth	26	37
Excavators	Excavators	37	51
"Excelsior," Machines for making	Wood-Working; 2	143	174
Exercising devices	Games and Toys	46	143
Exhaust-fans	Pneumatics	98	12
Exhaust for millstones	Mills	83	57
Exhaust-mechanism for steam-engines	Steam; 3	123	150

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub-description classification.
Exhaust-nozzles for steam-engines.....	Steam; 3	123	94
Exhaust-pipes for steam-engines.....	Steam; 3	123	150
Expanding-bits	Wood-Working; 4	145	173
Expanding-drills for metal	Metal-Working; 2	77	100
Expanding-tubes	Metal-Working; 6	81	163
Expansion-joints for steam-engines	Steam; 1	121	150
Explosive balls	Projectiles	102	32
Explosive projectiles	Projectiles	102	105
Ex-sections, Apparatus for	Surgery	128	156
Extension-apparatus for fractures.....	Artificial Limbs.....	3	156
Extension-ladders	Carpentry	20	30
Extinguishers	Lamps and Gas-Fittings.....	67	90
Extractors, Bolt, nail, spike, tack.....	Wood-Working; 4	145	29
Eye, Apparatus for treating the.....	Surgery	128	156
Eye-cups	Surgery	128	156
Eye-glasses	Optics	88	157
Eye, Instruments for treating the.....	Surgery	128	156
Eyeletting-machines.....	Clasps and Buckles	24	23
Eyeletting-stamps	Clasps and Buckles	24	23
Eyelet-presses	Clasps and Buckles	24	23
Eyelet-punches	Clasps and Buckles	24	23
Eyelets	Clasps and Buckles	24	23
Eyelets, Manufacture of	Hardware Manufacture.....	53E	23
Eye-protectors	Surgery	128	156
Eyes, Artificial	Artificial Limbs.....	3	5
Eyes for harness, Manufacture of	Hardware Manufacture.....	53H	72
Eye-shades	Surgery	128	156
F.			
Fabrics, Carpet	Weaving	139	56
Fabrics, Corded	Weaving	139	95
Fabrics, Cut-piled	Weaving	139	95
Fabrics, Double-piled	Weaving	139	95
Fabrics, Elastic	Weaving	139	95
Fabrics, Figured	Weaving	139	95
Fabrics for re-use of fiber, Tearing up..	Brakes and Gins.....	13	78
Fabrics, Horse-hair	Weaving	139	95
Fabrics, Piled	Weaving	139	95
Fabrics, Printing	Printing	101	11
Fabrics, Shaped	Weaving	139	95
Fabrics, Straw	Weaving	139	95
Fabrics, Terry	Weaving	139	95
Fabrics, Tubular	Weaving	139	95
Fabrics, Woven	Weaving	139	95
Facing compositions	Casting	22	33
Facing molds, Machines for	Casting	22	33
Facing slate and stone	Stone, Lime, and Cement..	125	153
Fagots and piles for rolling	Metal-Working; 5	80	125
Fan-blowers	Pneumatics	98	12
Fan-folding machines	Umbrellas and Fans	135	165
Fanning-mills	Thrashing	130	159
Fans, Automatic	Umbrellas and Fans	135	165
Fans for chairs	Umbrellas and Fans	135	165
Fans for sewing-machines.....	Umbrellas and Fans	135	165
Fare-boxes	Stationery	120	42
Farm implements of metal, Manufacture of	Metal-Working; 6	81B	49
Farriers' tools	Metal-Working; 6	81A	60
Fasteners for bands, belts, and cords...	Hose and Belting.....	60	81

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub- scription classification.
Fasteners, Paper	Clasps and Buckles	24	146
Fastenings, Upholstery	Furniture	45	62
Fats, Treatment of	Oils, Fats, and Glue	87	26
Faucet-filters	Valves	136	167
Faucets	Valves	136	167
Faucets, Basin	Valves	136	167
Faucets, Boring	Valves	136	167
Faucets, Hot-water	Valves	136	167
Faucets, Manufacture of	Hardware Manufacture	53J	
Faucets, Molasses	Valves	136	167
Feather-dressers	Apparel	2	62
Feather-renovators	Dryers and Kilns	34	62
Feed-bags	Harness	54	72
Feed-devices for saw-mills	Saws	110	130
Feed-devices for sewing-machines	Sewing-Machines	112	134
Feeders, Paper	Paper Manufacture	93	117
Feeders, Steam-boiler	Steam; 2	122	148
Feeding apparatus for carding-machines	Carding	19	28
Feed-mixers	Stabling	119	59
Feed-racks	Stabling	119	144
Feed-regulators for mills	Mills	83	57
Feed-troughs	Stabling	119	144
Feed-water apparatus	Steam; 2	122	148
Feed-water heaters for steam-boilers	Steam; 2	122	148
Feed-water regulators	Steam; 2	122	148
Feet, Artificial	Artificial Limbs	3	5
Fellers for sewing-machines	Sewing-Machines	112	134
Fellies	Carriages and Wagons	21	31
Fellies, Attaching	Carriages and Wagons	21	31
Fellies, Expanding	Carriages and Wagons	21	31
Fellies, Machines for bending	Wood-Working; 3	144	176
Fellies, Machines for boring	Wood-Working; 3	144	173
Fellies, Machines for planing	Wood-Working; 3	144	173
Felling trees, Machines for	Saws	110	131
Felly-clamps	Carriages and Wagons	21	31
Felly-plates, Manufacture of	Hardware Manufacture	53C	31
Felt	Felting and Hats	38	76
Felted fabrics	Felting and Hats	38	76
Felt-hats	Felting and Hats	38	76
Felting cloth	Felting and Hats	38	37
Felting hats	Felting and Hats	38	76
Felting, Materials for	Felting and Hats	38	76
Felting yarn	Felting and Hats	38	17
Fence-posts	Fences	39	52
Fences	Fences	39	52
Fences, Flood	Fences	39	52
Fences, Portable	Fences	39	52
Fences, Wire	Fences	39	52
Fenders for roofs	Roofing	108	30
Fenders, Furniture	Furniture	45	62
Fermentation-checks	Beer and Wine	7	19
Fermentation-guards for barrels	Àération and Bottling	1	19
Fermented liquors, Cooling	Àération and Bottling	7	19
Fermented liquors, Preserving	Àération and Bottling	7	19
Ferrules	Tubing and Wire	134	163
Ferrules, Manufacture of	Hardware Manufacture	53I	163
Ferry-boat locks	Ships; 1	114	137
Ferry-boat platforms	Hydraulic Engineering	61	137
Ferry-boats	Ships; 1	114	137

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub- scriptior classification.
Fertilizer-dryers	Dryers and Kilns	34	96
Fertilizer-mixers	Manures	71	96
Fertilizers. (<i>See Class 71</i>)			96
Fertilizers, Manufacture of	Manures	71	96
Fertilizer-sowers	Seeders and Planters	111	133
Fertilizers, Packaging	Manures	71	96
Fertilizers, Treating	Manures	71	96
Fetters	Harness	54	72
Fetters for animals	Harness	54	72
Fibers of plants, Separating	Brakes and Gins	13	78
Fids	Ships; 1	114	138
Fifes	Music	84	102
Fifth-wheels	Carriages and Wagons	21	31
Fifth-wheels, Manufacture of	Hardware Manufacture	53C	31
Figured fabrics	Weaving	139	95
File-blanks	Files	40	53
File-chisels	Files	40	53
File-cutters	Files	40	53
File-cutting machines	Files	40	53
File-hammers	Files	40	53
Filers, Paper	Stationery	120	146
Files	Files	40	53
Files, Machines for making	Files	40	53
Files, Redressing	Files	40	53
Files, Sharpening	Files	40	53
Files, Tempering	Metallurgy	75	53
Filigree glass	Glass	49	68
Filing-machines	Grinding and Polishing	51	70
Filling for safes	Safes	109	128
Filter and cooler combined	Ice	62	58
Filter-faucets	Valves	136	167
Filtering-presses	Presses	100	19
Filters	Water-Distribution	137	167
Filters for medicinal preparations	Surgery	128	156
Filters, Globe	Water-Distribution	137	167
Filters, Tube	Water-Distribution	137	167
Filters, Well-tube	Water-Distribution	137	167
Finger-guards	Apparel	2	38
Finger-rings	Jewelry	63	86
Finger-rings, Manufacture of	Hardware Manufacture	53E	86
Fingers, Harvester	Harvesters	56	74
Finishing cloth	Cloth	26	37
Finishing leather	Tanning	129	92
Finishing stone	Stone, Lime, and Cement	125	153
Fire-alarms, Household	Signals	116	158
Fire-alarm telegraphs	Electricity	36	50
Fire-alarm telegraphs, Signal-boxes for	Electricity	36	50
Fire-annihilators, Gas-generating	Aération and Bottling	1	35
Fire-arms	Fire-Arms	42	55
Fire-arms, Converting	Fire-Arms	42	55
Fire-arms, Safety-guards for	Fire-Arms	42	55
Fire-back bricks	Clay	25	20
Fire-backs	Stoves and Furnaces	126	154
Fire-bars	Steam; 2	122	149
Fire-bricks	Clay	25	20
Fire-dogs	Stoves and Furnaces	126	154
Fire-engines, Chemical	Aération and Bottling	1	35
Fire-engines, Hydraulic	Pumps	103	118
Fire-engines, Steam	Steam; 1	121	118
Fire-escapes	Carpentry	20	30

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub-description classification.
Fire-extinguishers for boilers.....	Steam ; 2.....	122	149
Fire-extinguishers on ships.....	Ships ; 1.....	114	138
Fire-fenders.....	Stoves and Furnaces.....	126	154
Fire-grates.....	Stoves and Furnaces.....	126	154
Fire-irons.....	Stoves and Furnaces.....	126	154
Fire-kindlers.....	Stoves and Furnaces.....	126	154
Fire-kindling compounds.....	Fuel.....	44	154
Fire-ladders.....	Carpentry.....	20	30
Fire-lighters.....	Stoves and Furnaces.....	126	154
Fire-place heaters, Base-burning.....	Stoves and Furnaces.....	126	154
Fire-places.....	Stoves and Furnaces.....	126	154
Fire-plates for stoves.....	Stoves and Furnaces.....	126	154
Fire-plugs.....	Water-Distribution.....	137	167
Fire-pokers.....	Stoves and Furnaces.....	126	154
Fire-pots for stoves.....	Stoves and Furnaces.....	126	154
Fire-proofing compounds.....	Paint.....	91	107
Fire-proofing processes.....	Paint.....	91	35
Fire-proofing wood, fabrics, &c.....	Chemical Miscellaneous.....	23	35
Fire-proof building.....	Masonry.....	72	4
Fire-proof floors.....	Masonry.....	72	4
Fire-proof safes.....	Safes.....	109	128
Fire-proof shutters.....	Masonry.....	72	4
Fire-proof walls.....	Masonry.....	72	4
Fire-proof walls, Portable.....	Masonry.....	72	4
Fire regulators for steam-boilers.....	Steam ; 2.....	122	149
Fire-screens.....	Furniture.....	45	62
Fire-shovels.....	Stoves and Furnaces.....	126	154
Fire-tests for hydrocarbons.....	Stills.....	124	47
Fire-tiles.....	Clay.....	25	20
Fire-tongs.....	Stoves and Furnaces.....	126	154
Fire-wood, Machines for bundling.....	Wood-Working ; 3.....	144	176
Fire-wood, Machines for splitting.....	Wood-Working ; 3.....	144	174
Fish-bars for railways, Making.....	Railways ; 4.....	107	120
Fish-bars, Railway.....	Railways ; 1.....	104	120
Fish, Cans for packing.....	Preserving Food.....	99	58
Fish-carrying boxes.....	Preserving Food.....	99	63
Fish-curing and drying.....	Dryers and Kilns.....	34	58
Fish-decoys.....	Fishing.....	43	143
Fish-flakes.....	Dryers and Kilns.....	34	58
Fish-hooks.....	Fishing.....	43	143
Fish-hooks, Manufacture of.....	Hardware Manufacture.....	531	104
Fishing.....	Fishing.....	43	143
Fishing-floats.....	Fishing.....	43	143
Fishing-line reels.....	Fishing.....	43	143
Fishing-lines.....	Cordage.....	28	143
Fishing-line sinkers.....	Fishing.....	43	143
Fishing-line swivels.....	Fishing.....	43	143
Fishing-nets.....	Fishing.....	43	143
Fishing-nets, Making.....	Knitting and Netting.....	66	89
Fishing-rods.....	Fishing.....	43	143
Fishing-seines.....	Fishing.....	43	143
Fish-spears.....	Fishing.....	43	143
Fish-oil, Treatment of.....	Oils, Fats, and Glue.....	87	26
Fish-scalers.....	Kitchen Utensils.....	65	88
Fish-traps for water-pipes.....	Water-Distribution.....	137	167
Fish-traps.....	Fishing.....	43	143
Fissure-needles.....	Surgery.....	128	156
Fitting garments.....	Apparel.....	2	38
Flageolets.....	Music.....	84	102
Flags.....	Signals.....	116	158

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub- scriptive classification.
Flails	Thrashing	130	159
Flannels	Weaving	139	95
Flask-clamps	Casting	22	33
Flasks, Molders'	Casting	22	33
Flasks, Powder	Projectiles	102	55
Flat-iron heaters	Stoves and Furnaces	126	91
Flat-strippers	Carding	19	28
Flavoring tobacco	Tobacco	131	160
Flax-brakes	Brakes and Gins	13	78
Flax-pullers	Harvesters	56	75
Flax-rotting	Brakes and Gins	13	78
Flax-scutchers	Brakes and Gins	13	78
Fleece-tables and tyers	Presses	100	135
Fleece-tyers	Stabling	119	135
Flesh-brushes	Brushes and Brooms	15	22
Flexible gas-tubing	Hose and Belting	60	64
Float-valves	Valves	136	152
Floating-batteries	Ships; 1	114	138
Floating-berths	Ships; 1	114	137
Floating-bridges	Ships; 1	114	137
Floating-cabins	Ships; 1	114	137
Floating-derricks	Hoisting	57	79
Floating-docks	Ships; 1	114	82
Floating-safes	Boats	9	128
Floating-wharves	Ships; 1	114	82
Floats, Boot	Boots and Shoes	12	16
Floats for steam-boilers	Steam; 2	122	148
Floats, Plasterers	Masonry	72	4
Flock-grinding	Felting and Hats	38	78
Flocking fabrics	Felting and Hats	38	37
Flocking hats	Felting and Hats	38	76
Flocking paper	Paper-Making	92	108
Flood-fences	Fences	39	52
Flood-gates	Hydraulic Engineering	61	82
Floor-cloth	Paint	91	56
Floor cloth, Paper	Paper Manufacture	93	108
Floor-cloth printing	Printing	101	56
Floor-covering, Slatted	Brushes and Brooms	15	56
Floors	Carpentry	20	30
Floors, Cement	Paving	94	110
Floors, Fire-proof	Masonry	72	4
Floors of stone or concrete	Masonry	72	110
Floors, Wooden	Carpentry	20	30
Flour-bolts	Mills	83	57
Flour-chests	Kitchen Utensils	65	88
Flour-coolers	Mills	83	57
Flour-dredgers	Kitchen Utensils	65	88
Flour-dryers	Dryers and Kilns	34	48
Flour-mills	Mills	83	57
Flour-packers	Presses	100	57
Flour-scoops	Kitchen Utensils	65	88
Flour-sieves	Wire-Working	140	88
Flower-boxes	Garden and Orchard	47	63
Flower-pots	Garden and Orchard	47	63
Flower-pots, (clay)	Clay	25	115
Flowers, Artificial	Fine Arts	41	54
Flowers, Preserving	Fine Arts	41	54
Flower-stands	Garden and Orchard	47	63
Flue-boilers	Steam; 2	122	148
Flue-cleaners	Steam; 2	122	148

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub-description classification.
Flues, Boiler	Steam; 2	122	148
Flue-scrapers	Steam; 2	122	148
Fluids, Writing	Chemical Miscellaneous	23	146
Flumes for logs	Hydraulic Engineering	61	82
Flushing-apparatus	Hydraulic Engineering	61	82
Flutes	Music	84	102
Fluting-irons	Laundry	68	91
Fluting-lathes, Wood	Wood-Working; 1	142	172
Fluting-machines	Apparel	2	38
Fluxing-sand for glass	Glass	49	68
Flyer-guides, Manufacture of	Hardware Manufacture	53II	142
Flyers	Spinning	118	142
Flyers for printing-presses	Printing	101	117
Fly-frames	Spinning	118	142
Flying-bridges	Bridges	14	21
Flying-machines	Pneumatics	98	143
Fly-nets	Harness	54	72
Fly-nets, Machines for making leather	Harness	54	72
Fly-traps	Furniture	45	143
Fly-wheels	Mechanical Powers	74	67
Foam-collectors for steam-boilers	Steam; 2	122	148
Fob-chains	Jewelry	63	86
Fodder-stands	Thrashing	130	144
Fog-alarms	Signals	116	138
Fog-bells	Signals	116	138
Folding boats	Boats	9	13
Folding or tying yarn	Cordage	28	17
Folding sheet-metal	Sheet-Metal	113A	136
Fomentations, Modes of applying	Surgery	128	156
Food, Cans, jars, and air-tight packages for	Preserving Food	99	58
Food, Chemical preparation of	Preserving Food	99	58
Food for animals, Preparing	Stabling	119	59
Food, Hermetically sealed packages for	Preserving Food	99	58
Food, Preservation of	Preserving Food	99	58
Foot-bellows	Pneumatics	98	12
Foot-lifters for horses	Stabling	119	144
Foot-pads for horses	Harness	54	144
Foot-rests for horses	Metal-Working; 6	81A	60
Foot-rot curatives	Chemical Miscellaneous	23	98
Footsteps for spindles	Spinning	118	142
Foot-stools	Furniture	45	62
Foot-stoppers for horses	Surgery	128	144
Foot-stoves	Stoves and Furnaces	126	154
Foot-warmers	Stoves and Furnaces	126	154
Forage-rations	Stabling	119	59
Forceps, Artery	Surgery	128	156
Forceps, Calculi	Surgery	128	156
Forceps, Dental	Dental	32	56
Forceps, Obstetrical	Surgery	128	156
Forceps, Polypus	Surgery	128	156
Forcing-pits	Garden and Orchard	47	63
Forebays	Water-Wheels	138	168
Forge-bellows	Pneumatics	98	12
Forges, Portable	Metal-Working; 3	78	60
Forging	Metal-Working; 3	78	60
Forks, Culinary	Cutlery	30	44
Forks, Digging	Garden and Orchard	47	141
Forks, Flesh	Cutlery	30	44
Forks, Grain	Harvesters	56	77

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub-description classification.
Forks, Hand hay.....	Garden and Orchard.....	47	77
Forks, Horse hay.....	Harvesters.....	56	77
Forks, Manufacture of.....	Hardware Manufactures.....	53 A	44
Forks, Manure.....	Garden and Orchard.....	47	77
Forks, Table.....	Cutlery.....	30	44
Forming bats.....	Felting and Hats.....	38	76
Fortifications.....	Masonry.....	72	51
Foundations of stone or concrete.....	Masonry.....	72	4
Foundry, Appliances of the.....	Casting.....	22	33
Fountain-levers.....	Pumps.....	103	118
Fountains.....	Water-Distribution.....	137	167
Fountains, Beer.....	Pumps.....	103	118
Fowls, Coops, nests, and roosts for.....	Stabling.....	119	116
Fractures, Apparatus for reducing.....	Artificial Limbs.....	3	156
Frames, Advertising.....	Stationery.....	120	54
Frames for measuring and fitting garments.....	Apparel.....	2	38
Frames for plants.....	Garden and Orchard.....	47	63
Frames for tambour-work and quilting.....	Apparel.....	2	38
Frames for weaving hair.....	Toilet.....	132	161
Frames, Hanging picture.....	Furniture.....	45	62
Frames, Machines for making saw.....	Wood-Working; 3.....	144	131
Frames, Machines for making slate.....	Wood-Working; 3.....	144	174
Frames, Machines for turning round and oval.....	Wood-Working; 1.....	142	172
Frames, Numeral.....	Educational.....	35	42
Frames of wood.....	Carpentry.....	20	30
Frames, Picture.....	Fine Arts.....	41	54
Freezing-liquids.....	Ice.....	62	83
Freezing-mixtures.....	Ice.....	62	83
Freight-cars.....	Railways; 2.....	105	121
Friction-clutches.....	Journals and Bearings.....	64	67
Friction-couplings.....	Journals and Bearings.....	64	67
Friction-primers.....	Projectiles.....	102	105
Friming.....	Apparel.....	2	38
Fringe.....	Cordage.....	28	17
Fringe-making machines.....	Cordage.....	28	17
Fringe-twisters.....	Cordage.....	28	17
Friming attachments for sewing-machines.....	Sewing-Machines.....	112	134
Frit.....	Glass.....	49	68
Frit-furnaces.....	Glass.....	49	68
Frogs for railways, Making.....	Railways; 4.....	107	120
Frogs, Railway.....	Railways; 1.....	104	120
Frosting glass.....	Grinding and Polishing.....	51	68
Frows.....	Wood-Working; 4.....	145	40
Fruit-assorters.....	Garden and Orchard.....	47	63
Fruit-baskets.....	Kitchen Utensils.....	65	63
Fruit-boxes.....	Kitchen Utensils.....	65	63
Fruit-cans.....	Preserving Food.....	99	58
Fruit-cars.....	Preserving Food.....	99	58
Fruit cellars and houses.....	Preserving Food.....	99	58
Fruit-chambers.....	Preserving Food.....	99	58
Fruit-crates.....	Kitchen Utensils.....	65	63
Fruit-dryers.....	Dryers and Kilns.....	34	48
Fruit-frames.....	Garden and Orchard.....	47	63
Fruit-gatherers.....	Garden and Orchard.....	47	63
Fruit-jars.....	Preserving Food.....	99	58
Fruit-knives.....	Cutlery.....	30	44
Fruit-mashers.....	Kitchen Utensils.....	65	88

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub-description classification.
Fruit-packers	Presses	100	63
Fruit-panniers	Kitchen Utensils	65	63
Fruit-peelers	Kitchen Utensils	65	88
Fruit-presses	Presses	100	19
Fruit-ripeners	Garden and Orchard	47	63
Fruits, Chemical preparation of	Preserving Food	99	58
Fruit-separators	Garden and Orchard	47	63
Fruit-strainers	Kitchen Utensils	65	88
Frying-pans	Stoves and Furnaces	126	154
Fuel, Apparatus for burning wet	Steam; 2	122	149
Fuel, Artificial	Fuel	44	61
Fuel	Fuel	44	61
Fuel-dryers	Dryers and Kilns	34	48
Fuel-feeders for steam-boiler furnaces	Steam; 2	122	149
Fulling	Felting and Hats	38	37
Fulling-mills	Felting and Hats	38	37
Fulminates	Gunpowder	52	71
Fumigators for insects	Garden and Orchard	47	63
Funnels	Water-Distribution	137	167
Fur, Articles of	Apparel	2	38
Fur-blowing	Felting and Hats	38	76
Fur-cutting	Felting and Hats	38	76
Fur from pelts, Cutting	Felting and Hats	38	76
Fur hats	Felting and Hats	38	76
Furling sails	Ships; 1	114	138
Furnace-doors for steam-boiler furnaces	Steam; 2	122	149
Furnace-grates for steam-boiler furnaces	Steam; 2	122	149
Furnace-lining	Metallurgy	75	99
Furnaces, Bath	Stoves and Furnaces	126	154
Furnaces, Blast	Metallurgy	75	85
Furnaces, Boiling	Metallurgy	75	85
Furnaces, Bone-black	Sugar	127	155
Furnaces, Catalan	Metallurgy	75	85
Furnaces, Charcoal	Stoves and Furnaces	126	154
Furnaces, Chemical	Chemical Miscellaneous	23	35
Furnaces, Copper	Metallurgy	75	99
Furnaces, Cupola	Metallurgy	75	85
Furnaces, Desulphurizing	Metallurgy	75	95
Furnaces, Domestic	Stoves and Furnaces	126	154
Furnaces for blanks	Metal-Working; 3	78	60
Furnaces for reducing metals	Metallurgy	75	99
Furnaces for roasting ores	Metallurgy	75	99
Furnaces for skelps	Metal-Working; 3	78	60
Furnaces for tires	Metal-Working; 3	78	60
Furnaces for treatment of iron	Metallurgy	75	85
Furnaces, Glass	Glass	49	68
Furnaces, Heating	Stoves and Furnaces	126	154
Furnaces, Hot-air	Stoves and Furnaces	126	154
Furnaces, Hot-blast	Metallurgy	75	85
Furnaces, Iron	Metallurgy	75	85
Furnaces, Lead	Metallurgy	75	99
Furnaces, Locomotive	Steam; 3	123	94
Furnaces, Portable	Stoves and Furnaces	126	154
Furnaces, Puddling	Metallurgy	75	85
Furnaces, Salt	Sugar	127	129
Furnaces, Smelting	Metallurgy	75	85
Furnaces, Steam-boiler	Steam; 2	122	149
Furnaces, Sugar	Sugar	127	155
Furnaces, Zinc	Metallurgy	75	99

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub-description classification.
Furniture-casters	Builders' Hardware	16	24
Furniture, Feet for legs of.....	Furniture.....	45	62
Furniture-hooks	Builders' Hardware	16	62
Furniture-knobs	Builders' Hardware.....	16	62
Furniture-pads	Furniture.....	45	62
Furniture, Printers'	Printing.....	101	117
Furniture-springs	Furniture.....	45	62
Fur-picking	Felting and Hats.....	38	76
Furrowing-machines	Plows.....	97	114
Furrowing-stone.....	Stone, Lime, and Cement.....	125	153
Fur, Treating	Felting and Hats.....	38	76
Fuse-making machines.....	Cordage	28	17
Fuses, Blasting	Projectiles	102	105
Fuses, Concussion	Projectiles	102	105
Fuses, Firing	Projectiles	102	105
Fuses, Safety	Projectiles	102	105
Fuses, Tape	Projectiles	102	105
Fuses, Time	Projectiles	102	105
Fusible plugs for steam-boilers	Steam; 2.....	122	148
G.			
Gaff-jaws.....	Ships; 1.....	114	138
Gaffs.....	Ships; 1.....	114	138
Gage-cocks	Valves	136	148
Gage-knives.....	Harness	54	72
Gage-pins for tympan-sheets	Printing.....	101	117
Gages, Barrel-filling	Measuring-Instruments	73	167
Gages, Bilgewater	Measuring-Instruments	73	137
Gages, Cutting	Wood-Working; 4	145	29
Gages for cutting garments.....	Apparel	2	38
Gages for sawing-machines.....	Saws	110	130
Gages for sewing-machines.....	Sewing-Machines	112	134
Gages for steam-boilers	Measuring-Instruments	73	148
Gages, Measuring.....	Measuring-Instruments.....	73	132
Gages, Pressure.....	Measuring-Instruments.....	73	148
Gages, Rain	Measuring-Instruments.....	73	101
Gages, Scribing.....	Wood-Working; 4	145	29
Gages, Sliding.....	Measuring-Instruments.....	73	132
Gages, Steam.....	Measuring-Instruments.....	73	148
Gages, Vacuum.....	Measuring-Instruments.....	73	148
Gaging-instruments.....	Measuring-Instruments.....	73	132
Gaging silk	Silk	117	140
Gag-runners.....	Harness	54	72
Gags for animals.....	Harness	54	144
Gaiterettes, (of cloth).....	Apparel	2	38
Gaiters, Leather	Boots and Shoes.....	12	16
Galley-rests	Printing.....	101	117
Galleys	Printing.....	101	117
Galleys, Ships'	Ships; 1.....	114	137
Gallows for suspending carcasses	Butchering	17	25
Galoshes	Boots and Shoes.....	12	16
Galvanic appliances	Electricity.....	36	50
Galvanic attachments.....	Electricity.....	36	50
Galvanizing metals	Plating.....	96	113
Galvanometers	Electricity.....	36	50
Galvanoscopes.....	Electricity.....	36	50
Gambrels	Butchering	17	25
Game-bags	Games and Toys.....	46	143
Game-boards	Games and Toys.....	46	143

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub-description classification.
Game-counters	Measuring-Instruments	73	143
Games	Games and Toys	46	143
Gang-plows	Plows	97	114
Garbage-boxes in pavement	Paving	94	110
Garbage-sinks	Masonry	72	110
Gardeners' basket-supports	Garden and Orchard	47	63
Gardeners' implements of metal, Manufacture of	Metal-Working; 6	81B	141
Garden-forks	Garden and Orchard	47	141
Garden-hoes	Garden and Orchard	47	141
Garden-implements, (<i>except Shears, Class 30.</i>)	Garden and Orchard	47	63
Garden-pots	Clay	25	63
Garden-tiles	Clay	25	63
Garden-walks, Machines for scraping ..	Plows	97	114
Garment-fasteners	Clasps and Buckles	24	23
Garments, (<i>except of Paper, Class 93.</i>) ..	Apparel	2	38
Garments, Gages for cutting	Apparel	2	38
Garments, Machines for cutting out ..	Apparel	2	38
Garments, Systems of measuring and cutting	Apparel	2	38
Garments, Patterns for	Apparel	2	38
Garters	Apparel	2	38
Gasaliers	Lamps and Gas-Fittings	67	64
Gas-brackets	Lamps and Gas-Fittings	67	64
Gas-burners	Lamps and Gas-Fittings	67	64
Gas-burners, Manufacture of	Hardware Manufactures	53J	64
Gas-carburetors	Gas	48	27
Gas-checks for breech-loading ordnance	Ordnance	89	105
Gas-compressing machines	Pneumatics	98	12
Gas-engines	Pneumatics	98	2
Gas-engines, Electrical apparatus for ..	Electricity	36	2
Gases, Methods and processes for obtaining	Gas	48	66
Gas-fitters' tools	Metal-Working; 6	81A	64
Gas-fittings	Lamps and Gas-Fittings	67	64
Gas-heaters	Stoves and Furnaces	126	65
Gaskets for steam-joints	Steam; 1	121	151
Gas-lighters	Lamps and Gas-Fittings	67	64
Gas-lighting by electricity	Electricity	36	64
Gas-making apparatus	Gas	48	66
Gas manufacture	Gas	48	66
Gas-meters	Pneumatics	98	64
Gas-meters, Registering devices of	Measuring-Instruments	73	64
Gas-pumps	Pneumatics	98	12
Gas-purifiers	Gas	48	66
Gas-regulators	Lamps and Gas-Fittings	67	64
Gas-retorts	Gas	48	66
Gassing yarns, threads, &c	Cordage	28	17
Gas-stoves	Stoves and Furnaces	126	65
Gas-tubing	Paint	91	64
Gate-hinges	Builders' Hardware	16	24
Gate-latches	Locks and Latches	70	93
Gate-posts	Fences	39	52
Gates	Fences	39	52
Gate-saws	Saws	110	130
Gates, Canal-lock	Hydraulic Engineering	61	82
Gates, Flood	Hydraulic Engineering	61	82
Gates for water-wheels	Water-Wheels	138	168

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub- scriptive classification.
Gates, Molasses	Valves	136	167
Gates, Railway	Railways; 1	104	120
Gates, Sluice	Hydraulic Engineering	61	82
Gatherers for sewing-machines	Sewing-Machines	112	134
Gaveling-attachments for harvesters	Harvesters	56	74
Gaveling-forks	Harvesters	56	74
Gauze	Weaving	139	95
Gazogenes	Aération and Bottling	1	1
Gear-cutting machines	Metal-Working; 7	82	100
Gearing, Arrangements of	Mechanical Powers	74	67
Gearing, Harvester	Harvesters	56	74
Gear, Machines for cutting wooden	Wood-Working; 3	144	174
Gelatine	Oil, Fat, and Glue	87	26
Gems, Artificial	Glass	49	68
Gems, Setting	Jewelry	63	86
Generators, Steam	Steam; 2	122	148
Geometrical constructors	Drafting	33	97
Gibs for pitmen, &c	Mechanical Powers	74	67
Gig-mills	Cloth	26	37
Gig-trees	Harness	54	72
Gilding	Plating	96	113
Gilding, Leaf	Fine Arts	41	54
Gimlets	Wood-Working; 4	145	29
Gimp	Knitting and Netting	66	17
Gimp-machines	Cordage	28	17
Gins, Cotton	Brakes and Gins	13	41
Girder-bar, Rolling	Metal-Working; 5	80	125
Girders for bridges, floors, roofs	Bridges	14	21
Girders of iron or wood	Bridges	14	21
Girdling trees, Machines for	Wood-Working; 3	144	29
Glass-blowing	Glass	49	68
Glass-cementing	Glass	49	68
Glass-cleaners	Kitchen Utensils	65	88
Glass, Compositions for	Glass	49	68
Glass-cutting machine	Grinding and Polishing	51	68
Glass-cutting processes	Grinding and Polishing	51	68
Glass furnaces	Glass	49	68
Glass-gilding	Plating	96	54
Glass-grinding	Grinding and Polishing	51	68
Glass-house pots	Glass	49	68
Glass-houses	Glass	49	68
Glass-molding	Glass	49	68
Glass-platinizing	Plating	96	68
Glass-polishing	Grinding and Polishing	51	68
Glass pots	Glass	49	68
Glass-pressing	Glass	49	68
Glass, Printing	Printing	101	54
Glass-roughening	Grinding and Polishing	51	68
Glass-silvering	Plating	96	68
Glass-working tools, Manufacture of	Metal-Working; 6	81B	68
Glazed fabrics	Bleaching and Dyeing	8	11
Glazes for pottery, bricks, &c	Clay	25	115
Glaziers' diamonds	Glass	49	68
Glaziers' diamonds, Setting	Glass	49	68
Glaziers' diamonds, Substitutes for	Glass	49	68
Glaziers' points, Making	Sheet-Metal	113B	68
Glazing gunpowder	Gunpowder	52	71
Glazing paper	Paper-Making	92	108
Globes, Astronomical	Educational	35	146
Globes, Geographical	Educational	35	146

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub- script classification.
Globe-valves	Valves	136	152
Globule-machines	Surgery	128	98
Glossing silk	Silk	117	140
Glove-buttoners	Clasps and Buckles	24	38
Glove-buttons	Clasps and Buckles	24	38
Glove-buttons, Manufacture of	Hardware Manufactures	53E	23
Glove-fasteners	Clasps and Buckles	24	38
Glove-fastenings	Clasps and Buckles	24	38
Glove-making	Apparel	2	38
Gloves	Apparel	2	38
Glove-stretching machines	Apparel	2	38
Glove-turning machines	Apparel	2	38
Glucose, Manufacture of	Sugar	127	155
Glue-cutting machines	Oil, Fat, and Glue	87	26
Glue-dryers	Dryers and Kilns	34	26
Glue-hoppers	Wood-Working ; 4	145	29
Glueing machines, Leather	Leather	69	92
Glueing tables	Wood-Working ; 4	145	29
Glue-making	Oil, Fat, and Glue	87	26
Glue-pots	Stoves and Furnaces	126	29
Glue	Oil, Fat, and Glue	87	26
Glycerine	Oil, Fat, and Glue	87	26
Gold-beating	Metal-Working ; 3	78	136
Gold-leaf condensers	Dental	32	46
Gold pens, Manufacture of	Hardware Manufactures	53 I	136
Gold-washers	Ore	90	3
Gongs	Signals	116	24
Goniometers	Measuring-Instruments	73	132
Gouges	Wood-Working ; 4	145	49
Governor cut-off motions	Governors	50	69
Governors	Governors	50	69
Governor-valves	Valves	136	152
Grabs, Drill-rod	Stone, Lime, and Cement	125	124
Grading	Excavators	37	51
Grading-scrapers	Excavators	37	51
Graduated glasses	Measuring-Instruments	73	132
Graduated measures	Measuring-Instruments	73	132
Graduated rules	Drafting	33	97
Grafting-knives	Cutlery	30	63
Grafting-machines	Garden and Orchard	47	63
Grain-bagging	Mills	83	57
Grain-binders	Harvesters	56	74
Grain-bins	Thrashing	130	59
Grain-bruisers	Mills	83	57
Grain-cars	Railways ; 2	105	121
Grain-cleaners for mills	Mills	83	57
Grain-conveyors	Hoisting	57	79
Grain-cradles	Harvesters	56	49
Grain-dampeners	Mills	83	57
Grain-distributors for mills	Mills	83	57
Grain-drills	Seeders and Planters	111	133
Grain-dryers	Dryers and Kilns	34	48
Grain-elevators	Hoisting	57	79
Grain-feeders	Mills	83	57
Grain for distillation, Preparing	Stills	124	47
Grain for grinding, Preparing	Mills	83	57
Grain-forks	Harvesters	56	77
Grain-bags	Mills	83	57
Grain-harvesters	Harvesters	56	74
Graining gunpowder	Gunpowder	52	71

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub- scriptive classification.
Graining leather.....	Tanning.....	129	92
Graining-tools and appliances.....	Fine Arts.....	41	107
Grain-levelers in vessels.....	Ships; 1.....	114	138
Grain, Manufacture of sugar from.....	Sugar.....	127	155
Grain-mills.....	Mills.....	83	57
Grain-rakes.....	Harvesters.....	56	77
Grain-registers.....	Measuring-Instruments.....	73	159
Grain-riddles.....	Thrashing.....	130	159
Grain-screens.....	Thrashing.....	130	159
Grain-seed separators.....	Thrashing.....	130	159
Grain-spouts for elevators.....	Hoisting.....	57	79
Grain-separators.....	Thrashing.....	130	159
Grain-spouts for mills.....	Mills.....	83	57
Grain-tallies.....	Measuring-Instruments.....	73	159
Grain-thrashers.....	Thrashing.....	130	159
Grain-tollers.....	Mills.....	83	57
Grain-weighers.....	Measuring-Instruments.....	73	132
Grain-winnowers.....	Thrashing.....	130	159
Granaries.....	Thrashing.....	130	59
Grape-presses.....	Presses.....	100	19
Grape-shot.....	Projectiles.....	102	105
Grape-sugar, Manufacture of.....	Sugar.....	127	155
Grape-trellises.....	Garden and Orchard.....	47	63
Grape-vine protectors.....	Garden and Orchard.....	47	63
Grapnels.....	Ships; 1.....	114	138
Grappling-irons.....	Ships; 1.....	114	138
Grass-burners.....	Garden and Orchard.....	47	63
Grass-harvesters.....	Harvesters.....	56	75
Grate-bars for steam-boilers.....	Steam; 2.....	122	149
Graters, Corn.....	Kitchen Utensils.....	65	88
Graters, Spice.....	Kitchen Utensils.....	65	88
Grates for stoves.....	Stoves and Furnaces.....	126	154
Grate-tippers.....	Stoves and Furnaces.....	126	154
Gratings for windows.....	Carpentry.....	20	4
Gravel-cars.....	Railways; 2.....	105	121
Gravel-heaters.....	Stoves and Furnaces.....	126	126
Gravers.....	Fine Arts.....	41	54
Graving-docks.....	Hydraulic Engineering.....	61	82
Grease-cups.....	Journals and Bearings.....	64	87
Grease from slush, Separating.....	Oil, Fat, and Glue.....	87	26
Green-houses.....	Garden and Orchard.....	47	63
Grenades.....	Projectiles.....	102	105
Griddles.....	Stoves and Furnaces.....	126	154
Gridirons.....	Stoves and Furnaces.....	126	154
Grinding flock.....	Felting and Hats.....	38	76
Grinding glass.....	Grinding and Polishing.....	51	68
Grinding-machines.....	Grinding and Polishing.....	51	70
Grinding-materials.....	Grinding and Polishing.....	51	70
Grinding-plates for mills.....	Mills.....	83	57
Grinding stone.....	Grinding and Polishing.....	51	153
Grindstones.....	Grinding and Polishing.....	51	70
Grindstones, Artificial.....	Grinding and Polishing.....	51	70
Grindstones, Hanging.....	Grinding and Polishing.....	51	70
Grist alarms.....	Mills.....	83	57
Grommets.....	Ships; 1.....	114	138
Grooming apparatus.....	Stabling.....	119	144
Groove-cutting machines.....	Metal-Working; 7.....	82	100
Grooving lumber, Machines for.....	Wood-Working; 2.....	143	173
Grooving sheet-metal.....	Sheet-Metal.....	113 A	136
Grubbing-harrows.....	Harrows.....	55	73

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub- scription classification.
Grubbing-hoes.....	Garden and Orchard.....	47	141
Grubbing-machines.....	Harrows.....	55	73
Guano, Treatment of.....	Manures.....	71	96
Guard-fingers for harvesters.....	Harvesters.....	56	74
Guards for locks of fire-arms.....	Fire-Arms.....	42	55
Guards for triggers of fire-arms.....	Fire-Arms.....	42	55
Guards for windows.....	Carpentry.....	20	30
Guards, Railway.....	Railways; 1.....	104	120
Guides for sewing-machines.....	Sewing-Machines.....	112	134
Guitars.....	Music.....	84	102
Gumming-saws.....	Metal-Working; 4.....	79	131
Gum resins, Treatment of.....	Paint.....	91	107
Gums, Artificial.....	Dental.....	32	46
Gun-barrels, Making.....	Tubing and Wire.....	134	163
Gun-carriages.....	Ordnance.....	89	105
Gun-carriages, Counterpoise.....	Ordnance.....	89	105
Gun-carriages, Making of iron.....	Metal-Working; 3.....	78	105
Gun-chassis.....	Ordnance.....	89	105
Gun-cotton, Manufacture of.....	Gunpowder.....	52	71
Gun-covers.....	Fire-Arms.....	42	55
Gun-hammers.....	Fire-Arms.....	42	55
Gun-locks.....	Fire-Arms.....	42	55
Gun-locks, Manufacture of.....	Hardware Manufactures.....	53A	55
Gun-platforms.....	Ordnance.....	89	105
Gunpowder, Compositions for.....	Gunpowder.....	52	71
Gunpowder, Corning.....	Gunpowder.....	52	71
Gunpowder, Drying.....	Gunpowder.....	52	71
Gunpowder-engines.....	Pneumatics.....	98	2
Gunpowder, Glazing.....	Gunpowder.....	52	71
Gunpowder, Graining.....	Gunpowder.....	52	71
Gunpowder-mills.....	Mills.....	83	71
Gunpowder-polishing.....	Gunpowder.....	52	71
Gunpowder-presses.....	Presses.....	100	71
Gunpowder.....	Gunpowder.....	52	71
Gun-scrapers.....	Fire-Arms.....	42	55
Gun-stocks.....	Fire-Arms.....	42	55
Gun-stocks, Machines for turning.....	Wood-Working; 1.....	142	172
Gun-wads.....	Projectiles.....	102	105
Gun-wipers.....	Fire-Arms.....	42	55
Gun-worms.....	Fire-Arms.....	42	55
Gutta-percha manufactures.....	Caoutchouc.....	18	84
Gutter-clearers.....	Paving.....	94	110
Gutters, Pavement.....	Paving.....	94	110
Gutters for roofs.....	Roofing.....	108	126
Gutters, Machines for making wooden.....	Wood-Working; 3.....	144	173
Gutters, Making sheet-metal.....	Sheet-Metal.....	113B	136
Gutter-tubes, Making sheet-metal.....	Sheet-Metal.....	113B	136
Gymnastic apparatus.....	Games and Toys.....	46	143
H.			
Hackles.....	Brakes and Gins.....	13	78
Hackling corn-husks.....	Brakes and Gins.....	13	78
Hackling-machines.....	Brakes and Gins.....	13	78
Hair-brooms.....	Brushes and Brooms.....	15	22
Hair-brushes.....	Brushes and Brooms.....	15	161
Hair-cleaning.....	Butchering.....	17	22
Hair cloth, Machines for making.....	Weaving.....	139	95
Hair cloth, Machines for trimming.....	Cloth.....	26	37
Hair-crimpers.....	Toilet.....	132	161

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub- scripted classification.
Hair-curlers	Toilet	132	161
Hair-cutting machines	Toilet	132	161
Hair-dyes	Chemical Miscellaneous	23	161
Hair from fur, Separating	Felting and Hats	38	76
Hair from skins, Pulling	Felting and Hats	38	76
Hair from skins, Separating	Felting and Hats	38	76
Hair-nets	Toilet	132	161
Hair-parting instruments	Toilet	132	161
Hair-pickers	Brakes and Gins	13	78
Hair-pincers	Toilet	132	161
Hair-pins	Toilet	132	104
Hair-pins, Making	Needles and Pins	86	104
Hair-restoratives	Chemical Miscellaneous	23	161
Hair-rolls	Toilet	132	161
Hair-tongs	Toilet	132	161
Hair-trimmings	Toilet	132	161
Hair-tweezers	Toilet	132	161
Halters	Harness	54	72
Hame-clips	Harness	54	72
Hame-fasteners	Harness	54	72
Hames	Harness	54	72
Hames, Manufacture of	Hardware Manufactures	53F	72
Hammering machines, Leather	Leather	69	92
Hammers, Claw	Wood-Working ; 4	145	29
Hammers, Drop	Metal-Working ; 3	78	60
Hammers, Gun	Fire-Arms	42	55
Hammers, Hydraulic	Metal-Working ; 3	78	60
Hammers, Millstone	Stone, Lime, and Cement	125	57
Hammers, Pneumatic	Metal-Working ; 3	78	60
Hammers, Power	Metal-Working ; 3	78	60
Hammers, Safety-guards for gun	Fire-Arms	42	55
Hammers, Steam	Metal-Working ; 3	78	60
Hammers, Steam-engines for	Steam ; 1	121	150
Hammers, Water	Metal-Working ; 3	78	60
Hammocks	Beds	5	62
Hampers	Kitchen Utensils	65	169
Hand-barrows	Carriages and Wagons	21	31
Hand-bearers	Carriages and Wagons	21	31
Hand-cars	Railways ; 2	105	121
Hand-cuffs, Locks for	Locks and Latches	70	93
Hand-drills for grain	Seeders and Planters	111	133
Hand-grenades	Projectiles	102	105
Hand-hammers	Metal-Working ; 6	81A	60
Hand-holes for boilers and tanks	Steam ; 2	122	148
Handles for canes	Umbrellas and Fans	135	165
Handles for tea and coffee pots	Stoves and Furnaces	126	136
Handles for umbrellas	Umbrellas and Fans	135	165
Handles, Machines for making wooden	Wood-Working ; 3	144	174
Handles, Machines for turning	Wood-Working ; 1	142	175
Handles, Tool, (<i>except Turning</i>)	Wood-Working ; 4	145	29
Handles to tools, Attaching	Wood-Working ; 4	145	29
Hand-mirrors	Furniture	45	62
Hand-planters	Seeders and Planters	111	133
Hand-plows	Plows	97	114
Hands, Artificial	Artificial Limbs	3	5
Hand-saws	Saws	110	131
Hands for clocks and watches	Horology	58	36
Hand-stamps	Printing	101	146
Hand-trucks	Carriages and Wagons	21	31
Hand-vises	Metal-Working ; 6	81A	60

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub-description classification.
Hangers for clothing	Apparel	2	38
Hangers for lamps	Lamps and Gas-Fittings	67	90
Hangers for shafting	Journals and Bearings	64	67
Hanging-baskets	Garden and Orchard	47	63
Hanging carriage-bodies	Carriages and Wagons	21	31
Hanging grindstones	Grinding and Polishing	51	70
Hanging looking-glasses	Furniture	45	62
Hanging picture-frames	Furniture	45	62
Hangings for doors, gates, and sash	Builders' Hardware	16	24
Hanging-shelves	Furniture	45	62
Hanks for sails	Ships; 1	114	138
Harbor defenses	Hydraulic Engineering	61	82
Harbor obstructions, Removing	Hydraulic Engineering	61	82
Harbors	Hydraulic Engineering	61	82
Harbors, Obstructing	Hydraulic Engineering	61	82
Hardening-machines for hats	Felting and Hats	38	76
Hard rubber	Caoutchouc	18	84
Harmoniums	Music	84	106
Harness	Harness	54	72
Harness-chains	Harness	54	72
Harness, Detaching	Harness	54	72
Harness for looms	Weaving	139	95
Harness for looms, Making wire	Wire-Working	140	95
Harness-hooks	Harness	54	72
Harness, Machines for making loom	Weaving	139	95
Harness-makers' tools	Harness	54	72
Harness-mountings	Harness	54	72
Harness-oiling machines	Harness	54	72
Harness-pads	Harness	54	72
Harness-reins, Machines for rounding	Harness	54	72
Harness-swivels	Harness	54	72
Harness-wardrobes	Harness	54	72
Harpoons	Fishing	43	143
Harpoons, Gun	Projectiles	102	105
Harps	Music	84	102
Harrows	Harrows	55	73
Harrows, Rotary	Harrows	55	73
Harrow-teeth	Harrows	55	73
Harvester-gearing	Harvesters	56	74
Harvesters, Bean	Harvesters	56	75
Harvesters, Binders for	Harvesters	56	74
Harvesters, Cane	Harvesters	56	75
Harvesters, Clover-seed	Harvesters	56	75
Harvesters, Corn	Harvesters	56	75
Harvesters, Cutters for	Harvesters	56	74
Harvesters, Dropping-platforms for	Harvesters	56	74
Harvesters, Dumping-reels for	Harvesters	56	74
Harvesters, Fingers for	Harvesters	56	74
Harvesters, Gaveling-attachments for	Harvesters	56	74
Harvesters, Gearing for	Harvesters	56	74
Harvesters, Grain	Harvesters	56	74
Harvesters, Grass	Harvesters	56	75
Harvesters, Grinding-apparatus for	Grinding and Polishing	51	74
Harvesters, Guard-fingers for	Harvesters	56	74
Harvesters, Hemp	Harvesters	56	75
Harvesters, Pitmen for	Mechanical Powers	74	74
Harvesters, Rakes for	Harvesters	56	74
Harvesters, Reels for	Harvesters	56	74
Harvesters, Track-clearers for	Harvesters	56	74
Harvesting-bags	Harvesters	56	74

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub- scription classification.
Hasp-locks	Locks and Latches	70	93
Hat and coat hooks	Builders' Hardware	16	24
Hat and coat racks	Furniture	45	62
Hat-blocks, Machines for turning	Wood-Working; 1	142	175
Hat-bodies	Felting and Hats	38	76
Hat-bodies, Forming	Felting and Hats	38	76
Hat-bodies, Hardening	Felting and Hats	38	76
Hat-bodies, Napping	Felting and Hats	38	76
Hat-blocking machines	Felting and Hats	38	76
Hat-blocks	Felting and Hats	38	76
Hat-boxes, Leather	Trunks	133	162
Hat-brushing machines	Felting and Hats	38	76
Hatchets	Wood-Working; 4	145	49
Hatchways, Devices for operating	Carpentry	20	30
Hatchways, Safety-guards for	Carpentry	20	30
Hat-conformators	Felting and Hats	38	76
Hat-finishing	Felting and Hats	38	76
Hat-frames	Felting and Hats	38	76
Hat-hooks, Manufacture of	Hardware Manufactures	53D	24
Hat-ironing machines	Felting and Hats	38	76
Hat-lining	Felting and Hats	38	76
Hat-measures	Felting and Hats	38	76
Hat-napping	Felting and Hats	38	76
Hat-planking	Felting and Hats	38	76
Hat-pressing	Felting and Hats	38	76
Hat-printing machines	Printing	101	76
Hat-protectors	Felting and Hats	38	76
Hats	Felting and Hats	38	76
Hat-shaping machines	Felting and Hats	38	76
Hat-shrinking machines	Felting and Hats	38	76
Hat-sizing machines	Felting and Hats	38	76
Hat-stiffening compositions	Felting and Hats	38	76
Hat-stiffening machines	Felting and Hats	38	76
Hat-stretching machines	Felting and Hats	38	76
Hat supporters	Felting and Hats	38	76
Hats, weaving	Weaving	139	95
Hatters' kettles	Felting and Hats	38	76
Hat-tips	Felting and Hats	38	76
Hat-ventilators	Felting and Hats	38	76
Haversacks	Kitchen Utensils	65	162
Hay-caps	Harvesters	56	77
Hay-elevators	Hoisting	57	79
Hay-elevator hook	Hoisting	57	79
Hay-forks	Garden and Orchard	47	77
Hay-forks, Horse	Harvesters	56	77
Hay-knives	Cutlery	30	49
Hay-loaders for wagons	Carriages and Wagons	21	79
Hay-loading derricks	Hoisting	57	79
Hay-presses	Presses	100	7
Hay-racks for feeding	Stabling	119	144
Hay-racks for wagons	Carriages and Wagons	21	31
Hay rakers and cockers	Harvesters	56	77
Hay rakers and loaders	Harvesters	56	77
Hay-rakes, Hand	Garden and Orchard	47	77
Hay-rakes, Horse	Harvesters	56	77
Hay-spreaders	Harvesters	56	77
Hay-stackers	Thrashing	130	77
Hay-tedders	Harvesters	56	77
Hay-unloaders	Hoisting	57	79
Hawks	Masonry	72	4

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub-description classification.
Hawse-pipes	Ships; 1	114	187
Hawser-clamps	Ships; 1	114	138
Hawsers	Cordage	28	17
Head-blocks for saw-mills	Saws	110	130
Head-coverings	Felting and Hats	38	76
Head-dresses	Felting and Hats	38	76
Heading-machines, Grain	Harvesters	56	74
Head-lights, Locomotive	Lamps and Gas-Fittings	67	90
Head-nets, Ladies'	Toilet	132	161
Head-protectors for horses	Harness	54	72
Head-rests	Furniture	45	62
Head-rests, Photographic	Photography	95	111
Heads for nails and screws	Builders' Hardware	16	24
Hearses	Carriages and Wagons	21	39
Heaters	Stoves and Furnaces	126	154
Heaters, Boilers of steam	Steam; 2	122	148
Heaters, Electrical	Electricity	36	50
Heaters for stoves and ranges, Making sheet-metal	Sheet-Metal	113 B	136
Heating-furnaces	Stoves and Furnaces	126	154
Heaters, Hot-water	Stoves and Furnaces	126	147
Heaters, Railway-car	Stoves and Furnaces	126	154
Heaters, Steam	Stoves and Furnaces	126	147
Heaters, Street-car	Stoves and Furnaces	126	154
Heating-irons	Stoves and Furnaces	126	154
Heating skates, boots, &c	Stoves and Furnaces	126	154
Heat-regulators	Stoves and Furnaces	126	154
Heddles	Weaving	139	95
Hedge-benders	Garden and Orchard	47	52
Hedge-fasteners	Garden and Orchard	47	52
Hedge-planters	Garden and Orchard	47	52
Hedge-setters	Garden and Orchard	47	52
Hedge-trimming machines	Harvesters	56	52
Heel and toe caps, Materials for	Boots and Shoes	12	16
Heel-caps	Boots and Shoes	12	16
Heel-fastenings	Boots and Shoes	12	16
Heel-irons	Boots and Shoes	12	16
Heel-plates	Boots and Shoes	12	16
Heel-polishing machines	Boots and Shoes	12	16
Heel-protectors	Boots and Shoes	12	16
Heels	Boots and Shoes	12	16
Heel-shaves	Boots and Shoes	12	16
Heels, Machines for cutting	Boots and Shoes	12	16
Heels, Machines for dressing	Boots and Shoes	12	16
Heel-stiffeners	Boots and Shoes	12	16
Heel-trimming machines	Boots and Shoes	12	16
Helices, Electrical	Electricity	36	50
Heliometers	Optics	88	157
Heliostats	Optics	88	157
Heliotropes	Optics	88	157
Heliotypes	Photography	95	111
Hemmers for sewing-machines	Sewing-Machines	112	134
Hemmers, Hand	Apparel	2	38
Hemorrhage, Instruments for arresting	Surgery	128	156
Hemp-brakes	Brakes and Gins	13	78
Hemp-hackling	Brakes and Gins	13	78
Hemp-harvesters	Harvesters	56	75
Hemp-pullers	Harvesters	56	75
Hemp-rotting	Brakes and Gins	13	78
Hen's-nests	Stabling	119	116

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub- scriptive classification.
Herbariums	Fine Arts	41	54
Hermetically sealed packages for provisions	Preserving Food	99	58
Hernia, Instruments for treating	Surgery	128	156
Hewing-machines	Wood-Working ; 3	144	173
Hewing stone	Stone, Lime, and Cement	125	153
Hickory brooms	Brushes and Brooms	15	22
Hides, Dressing	Tanning	129	92
High-pressure alarms for steam-boilers	Steam ; 2	122	148
Hinges	Builders' Hardware	16	24
Hinges, Blind	Builders' Hardware	16	24
Hinges, Door	Builders' Hardware	16	24
Hinges, Gate	Builders' Hardware	16	24
Hinges, Loose-joint	Builders' Hardware	16	24
Hinges, Manufacture of	Hardware Manufactures	53 B	24
Hinges, Self-shutting	Builders' Hardware	16	24
Hinges, Shutter	Builders' Hardware	16	24
Hinges, Spring	Builders' Hardware	16	24
Hitching-devices	Stabling	119	144
Hitching-posts	Stabling	119	144
Hobby-horses	Games and Toys	46	143
Hods	Masonry	72	4
Hod-unloaders	Hoisting	57	79
Hoeing-machines	Plows	97	114
Hoes	Garden and Orchard	47	141
Hoes, Horse	Plows	97	114
Hog-elevators	Butchering	17	25
Hogs' nose-trimmers	Cutlery	30	44
Hog-pens	Stabling	119	144
Hog-rings	Harness	54	144
Hog-slaughtering apparatus	Butchering	17	25
Hog-troughs	Stabling	119	144
Hoisting-apparatus	Hoisting	57	79
Hoisting-buckets	Hoisting	57	79
Hoisting-machines	Hoisting	57	79
Hold-backs for vehicles	Carriages	21	31
Holsters	Trunks	133	162
Hominy-machines	Mills	83	57
Hones	Grinding and Polishing	51	70
Hones, Magnetic	Electricity	36	70
Honey-boxes for bee-hives	Bee-Hives	6	9
Hoods, Ladies'	Felting and Hats	38	38
Hoof-spreaders	Metal-Working ; 6	81A	60
Hook-buttons	Clasps and Buckles	24	23
Hook-buttons, Implements for setting	Clasps and Buckles	24	38
Hooks	Clasps and Buckles	24	23
Hooks and eyes	Clasps and Buckles	24	104
Hooks and eyes, Manufacture of	Hardware Manufactures	53E	104
Hooks, Bench	Wood-Working ; 4	145	29
Hooks, Coat and hat	Builders' Hardware	16	24
Hooks, Door	Builders' Hardware	16	24
Hooks for cam-rods	Mechanical Powers	74	67
Hooks for watch-chains	Clasps and Buckles	24	23
Hooks, Furniture	Builders' Hardware	16	24
Hooks, Mousing	Clasps and Buckles	24	23
Hooks, Shutter	Builders' Hardware	16	24
Hooks, Snap	Clasps and Buckles	24	23
Hooks, Swivel	Clasps and Buckles	24	23
Hoop-iron, Rolling	Metal-Working ; 5	80	125
Hoop-locks	Presses	100	7

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub- scription classification.
Hoops for skirts	Crinoline and Corsets	29	80
Hoops for skirts, Coating or covering ..	Crinoline and Corsets	29	80
Hoop-skirt formers	Crinoline and Corsets	29	80
Hoop-skirts	Crinoline and Corsets	29	80
Hoop-skirts, Machines for making	Crinoline and Corsets	29	80
Hoops	Wood-Working ; 3	144	40
Hoops, Machines for bending	Wood-Working ; 3	144	40
Hoops, Machines for cutting	Wood-Working ; 3	144	40
Hoops, Machines for dressing	Wood-Working ; 3	144	40
Hoops, Machines for sawing	Wood-Working ; 3	144	40
Hoops, Machines for splitting	Wood-Working ; 3	144	40
Hoop-strainers	Presses	100	7
Hop-backs	Beer and Wine	7	19
Hop-extracts	Beer and Wine	7	19
Hop-frames	Garden and Orchard	47	63
Hop-kilns	Dryers and Kilns	34	48
Hopper-boys	Mills	83	57
Hopper-shoes for mills	Mills	83	57
Hop-pole extractors	Fences	39	63
Hop-presses	Presses	100	7
Hops, Treatment of	Beer and Wine	7	19
Hop-strippers	Garden and Orchard	47	63
Horizons, Artificial	Optics	88	157
Horn, Artificial	Chemical Miscellaneous	23	35
Horn-knobs, Cattle	Harness	54	144
Horn, Machines for working in	Wood-Working ; 3	144	176
Horn-molding	Wood-Working ; 3	144	176
Horological instruments	Horology	58	36
Horse-blankets	Harness	54	144
Horse-brushes	Brushes and Brooms	15	22
Horse-hair fabrics	Weaving	139	95
Horse-hair hats	Felting and Hats	38	76
Horse-hoes	Plows	97	114
Horse-powers	Mechanical Powers	74	159
Horse-powers, Endless chains for	Mechanical Powers	74	159
Horse-powers, Links for	Mechanical Powers	74	159
Horse-powers, Treads for	Mechanical Powers	74	159
Horse-protectors	Harness	54	144
Horseshoe-bar, Rolling	Metal-Working ; 5	80	125
Horseshoe-bars	Horseshoes	59	60
Horseshoe bars, Machines for bending ..	Horseshoes	59	60
Horseshoe bars, Machines for shaping ..	Horseshoes	59	60
Horseshoe blanks, Making	Horseshoes	59	60
Horseshoe-machines	Horseshoes	59	60
Horseshoe-nails	Nails	85	104
Horseshoe-nails, Machines for making ..	Nails	85	104
Horseshoes	Horseshoes	59	60
Horseshoes, Calks for	Horseshoes	59	60
Horseshoes, Pads for	Horseshoes	59	60
Horses, Saw	Wood-Working ; 4	145	131
Horse-taming	Harness	54	144
Horse-training apparatus	Harness	54	144
Horse-washers	Stabling	119	144
Horse-yokes	Harness	54	144
Hose	Hose and Belting	60	81
Hose-carriages	Carriages and Wagons	21	31
Hose-bridges	Railways ; 1	121	81
Hose-clamps	Water-Distribution	137	81
Hose, Compositions for	Hose and Belting	60	81
Hose-couplings	Water-Distribution	137	81

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub-description classification.
Hose, Leather	Hose and Belting	60	81
Hose, Modes of making	Hose and Belting	60	81
Hose-nozzles	Water Distribution	137	81
Hose-pipes	Water Distribution	137	81
Hose-protectors	Hose and Belting	60	81
Hose, Rubber	Hose and Belting	60	81
Hose, Weaving	Weaving	139	95
Hosiery	Knitting and Netting	66	89
Hosiery-ironing machines	Apparel	2	89
Hot-air engines	Pneumatics	98	2
Hot-blast engines	Pneumatics	98	12
Hot-air furnaces	Stoves and Furnaces	126	154
Hot-air furnace-doors	Stoves and Furnaces	126	154
Hot-bed frames	Garden and Orchard	47	63
Hot-closets for stoves	Stoves and Furnaces	126	154
Hotel-annunciators	Signals	116	24
Hot-houses	Garden and Orchard	47	63
Hot-presses for fabrics and paper	Presses	100	37
Hot-water heaters	Stoves and Furnaces	126	147
Hour-glasses	Horology	58	36
House-fronts, Iron	Masonry	72	4
House-fronts, Stone-facing	Masonry	72	4
Houses	Carpentry	20	30
Houses, Construction of	Carpentry	20	30
Houses, Iron, (<i>except Trusses</i>)	Masonry	72	4
Houses, Portable	Carpentry	20	30
Housewives	Apparel	2	38
Housings for harness	Harness	54	72
Howling-tools	Wood-Working; 3	144	40
Hub-bands, Manufacture of	Hardware Manufactures	53 C	31
Hubs, Carriage	Carriages and Wagons	21	31
Hubs, Machines for boring	Wood-Working; 3	144	31
Hubs, Machines for centering	Wood-Working; 3	144	31
Hubs, Machines for mortising	Wood-Working; 3	144	31
Hubs, Machines for setting boxes in	Wood-Working; 3	144	31
Hubs, Machines for turning	Wood-Working; 1	142	172
Hullers, Clover	Thrashing	130	159
Hulling-machines	Mills	83	57
Hurdles for silk-winders	Silk	117	140
Husk-brooms	Brushes and Brooms	15	22
Huskers, Corn	Thrashing	130	59
Husking-gloves	Thrashing	130	59
Husking-pins	Thrashing	130	59
Husking-stools	Thrashing	130	59
Husk-splitting	Brakes and Gins	13	78
Hydrant-pipe stops	Water-Distribution	137	167
Hydrants	Water-Distribution	137	167
Hydrants, Cocks for	Valves	136	167
Hydrants, Filtering	Water-Distribution	137	167
Hydrants, Waste for	Water-Distribution	137	167
Hydrant-valves	Valves	136	167
Hydraulic buffers	Pumps	103	118
Hydraulic cement	Stone, Lime, and Cement	125	153
Hydraulic elevators	Pumps	103	79
Hydraulic engines	Pumps	103	118
Hydraulic jacks	Pumps	103	79
Hydraulic mains	Gas	48	66
Hydraulic meters	Pumps	103	118
Hydraulic mining	Hydraulic Engineering	61	82
Hydraulic motors	Pumps	103	118

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub-description classification.
Hydraulic presses.....	Pumps	103	118
Hydraulic propellers.....	Ships; 2	115	139
Hydraulic rams.....	Pumps	103	118
Hydro-carbon furnaces for steam-boilers	Steam; 2	122	149
Hydro-carbons, Manufacture of.....	Stills	124	47
Hydro-electric machines	Electricity	36	50
Hydrometers	Measuring-Instruments	73	132
Hydrostatic balances	Measuring-Instruments	73	132
Hygrometers	Measuring-Instruments	73	101
Hypodermic syringes.....	Surgery	128	156
Hypsometers.....	Measuring-Instruments.....	73	101
I.			
Ice-boats.....	Ships; 1	114	137
Ice-breakers.....	Ships; 1	114	137
Ice-cars.....	Carriages and Wagons	21	121
Ice-chairs and carriages.....	Carriages and Wagons	21	31
Ice-cream freezers.....	Ice	62	58
Ice-creeper.....	Boots and Shoes.....	12	16
Ice-crushers.....	Ice	62	58
Ice-cutters.....	Ice	62	58
Ice-elevators.....	Hoisting.....	57	79
Ice-houses.....	Ice	62	58
Ice-levelers.....	Ice	62	83
Ice-making machines.....	Ice	62	83
Ice manufacture.....	Ice	62	83
Ice-picks.....	Ice	62	58
Ice-plows.....	Ice	62	58
Ice-runs.....	Hoisting.....	57	79
Ice-safes.....	Ice	62	58
Ice-sandals.....	Boots and Shoes	12	16
Ice-saws.....	Saws	110	58
Ice-shavers.....	Ice	62	58
Ice-smoothers.....	Ice	62	83
Illuminated clocks.....	Horology.....	58	36
Illuminating-reflectors.....	Lamps and Gas-Fittings.....	67	90
Illuminated signs.....	Stationery	120	54
Illuminators, Stove.....	Stoves and Furnaces	126	154
Imitation leather.....	Paint.....	91	107
Inclined planes for canals.....	Hydraulic Engineering	61	82
Inclinometers.....	Measuring-Instruments	73	157
Incrustation in steam-boilers, Preventing	Steam; 2	122	148
Incrustation in steam-boilers, Removing	Steam; 2	122	148
Incubators.....	Stabling	119	116
Indelible pencils.....	Stationery	120	146
Indexing.....	Book-Binding	11	15
India rubber.....	Caoutchouc	18	84
Indicators, Automatic station.....	Measuring-Instruments	73	120
Indicators, Automatic time.....	Horology.....	58	36
Indicators, Door.....	Stationery	120	146
Indicators in cars, Automatic street.....	Measuring-Instruments	73	42
Indicators, Leak.....	Measuring-Instruments	73	137
Indicators, Lee-way.....	Measuring-Instruments	73	137
Indicators, Registering devices of steam-pressure.....	Measuring-Instruments.....	73	148

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub-description classification.
Indicators, Station.....	Stationery	120	146
Indicators, Street.....	Stationery	120	146
Indicators, Time, (<i>non-automatic</i>).....	Stationery	120	36
Indicators, Weather	Measuring-Instruments	73	101
Induction-apparatus	Electricity	36	50
Incendiary compounds	Gunpowder	52	71
Incendiary shells	Projectiles	102	105
Inclined planes.....	Excavators.....	37	51
Incrustation of glass.....	Glass.....	49	68
Inhalers.....	Surgery	128	156
Injectors for steam-boilers	Steam; 2	122	148
Injectors, Medical	Surgery	128	156
Inking-apparatus	Printing	101	117
Inking-rollers, Compositions for	Printing	101	117
Ink, Printers'	Paint.....	91	117
Inkstands	Stationery	120	146
Ink, Writing	Chemical Miscellaneous	23	146
Inlaying.....	Fine Arts	41	54
Inlets to sewers.....	Paving	94	110
Insect-destroyers	Garden and Orchard	47	63
Insect-destroying compounds	Chemical Miscellaneous	23	63
Insect-fumigators	Garden and Orchard	47	63
Insect-lamps	Garden and Orchard	47	63
Insect-traps	Garden and Orchard	47	63
Insect-traps, Household	Furniture.....	45	63
Insertable saw-teeth	Saws	110	131
Insoles.....	Boots and Shoes.....	12	16
Insulated wire.....	Electricity.....	36	50
Insulators.....	Electricity.....	36	50
Interfering, Devices to prevent.....	Harness	54	144
Intermittent gearing	Mechanical Powers.....	74	67
Iron and wood pavements combined	Paving	94	110
Iron blocks, Nautical.....	Ships; 1	114	137
Iron bridges.....	Bridges.....	14	21
Iron-clad vessels.....	Ships; 1	114	137
Iron columns.....	Bridges.....	14	21
Iron facing for houses.....	Masonry	72	4
Iron filings, Separators for	Electricity.....	36	50
Iron frames, Ships'	Ships; 1	114	137
Iron fronts for houses.....	Masonry	72	4
Iron girders.....	Bridges.....	14	21
Iron houses	Masonry	72	4
Iron houses, Portable.....	Masonry	72	4
Ironing-apparatus	Hydraulic Engineering	61	91
Ironing cloth.....	Apparel.....	2	37
Ironing-machines, Tailors' and hosiery.....	Apparel.....	2	38
Ironing-tables	Laundry	68	91
Iron, Manufacture of.....	Metallurgy	75	85
Iron pavements.....	Paving	94	110
Iron piers.....	Bridges.....	14	21
Iron pipe making, Welded	Tubing and Wire.....	134	163
Iron posts.....	Bridges.....	14	21
Iron ribs, Ships'	Ships; 1	114	137
Irons, Carriage.....	Carriages	21	31
Irons, Carriage-top.....	Carriages	21	31
Irons, Setting carriage	Carriages	21	31
Iron trusses	Bridges.....	14	21
Iron tunnels.....	Hydraulic Engineering.....	61	82
Iron vessels	Ships; 1	114	137
Irrigating-apparatus	Water-Distribution.....	137	82

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub- scription classification.
Irrigating-apparatus	Hydraulic Engineering	61	82
Irrigating-carts	Water-Distribution	137	31
Irrigators for nose, vagina, &c	Surgery	128	156
Isinglass	Oil, Fat, and Glue	87	26
Italian irons	Laundry	68	91
Ivory, Artificial	Chemical Miscellaneous	23	35
Ivory, Machines for working in	Wood-Working; 3	144	173
J.			
Jacks, Carriage	Hoisting	57	79
Jacks for hats, Rounding	Felting and Hats	38	76
Jacks, Hydraulic	Pumps	103	118
Jacks, Lifting	Hoisting	57	79
Jacks, Pegging	Boots and Shoes	12	16
Jack-spinning	Spinning	118	142
Jacks, Railway-car	Hoisting	57	79
Jacks, Screw	Hoisting	57	79
Jacks, Wagon	Hoisting	57	79
Jacquard apparatus	Weaving	139	95
Jails	Masonry	72	4
Japanning cloth	Paint	91	107
Japanning leather	Paint	91	107
Japanning wood	Paint	91	107
Japanning	Paint	91	107
Jars, Earthen	Clay	25	115
Jars for fruit, meat, &c	Preserving Food	99	58
Jars, Self-sealing	Preserving Food	99	58
Jaws for gaffs	Ships; 1	114	138
Jewel-boxes	Toilet	132	86
Jewelers' tools	Metal-Working; 6	81A	86
Jeweling watches, Tools for	Metal-Working; 6	81A	36
Jewelry, Manufacture of	Hardware Manufactures	53E	86
Jewels, Cutting	Grinding and Polishing	51	86
Jiggers	Ore	90	3
Joiners' benches	Wood-Working; 4	145	29
Joiners' clamps	Wood-Working; 4	145	29
Joiners' tools	Wood-Working; 4	145	29
Joiners' tools, Manufacture of	Metal-Working; 6	81B	29
Joiners' work of buildings	Carpentry	20	30
Joints for timbers	Carpentry	20	30
Joints, Railway	Railways; 1	104	120
Joists	Carpentry	20	30
Joists, Machines for dressing	Wood-Working; 2	143	173
Journal-bearings, Compositions for	Journals and Bearings	64	87
Journal-bearings	Journals and Bearings	64	87
Journal-boxes	Journals and Bearings	64	87
Journal-box lining	Journals and Bearings	64	87
Journals	Journals and Bearings	64	87
K.			
Kaolin, Purifying	Clay	25	115
Keels	Ships; 1	114	137
Keelsons	Ships; 1	114	137
Keepers for door-locks	Locks and Latches	70	93
Kegs, Machines for making	Wood-Working; 3	144	40
Key-boards for musical instruments	Music	84	112
Key-boards, Telegraphic	Electricity	36	50
Key-fasteners	Locks and Latches	70	93

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub- scription classification.
Key-hole guards	Locks and Latches	70	93
Key-hole guides	Locks and Latches	70	93
Key-rings	Clasps and Buckles	24	93
Key-rings, Manufacture of	Hardware Manufactures	53E	93
Keys	Locks and Latches	70	93
Keys, Clock	Horology	58	36
Keys, Dental	Dental	32	46
Keys, (door,) Manufacture of	Hardware Manufactures	53B	93
Key-seat cutting-machines	Metal-Working; 7	82	100
Keys for musical instruments	Music	84	112
Keys, Telegraphic	Electricity	36	50
Keys, Watch	Horology	58	36
Kilns, Brick	Dryers and Kilns	34	20
Kilns, Charcoal	Dryers and Kilns	34	48
Kilns for drying grain, peat, &c.	Dryers and Kilns	34	48
Kilns for glass	Glass	49	68
Kilns, Hop	Dryers and Kilns	34	19
Kilns, Lime	Dryers and Kilns	34	153
Kilns, Malt	Dryers and Kilns	34	19
Kilns, Pottery	Dryers and Kilns	34	115
Kindling arrangements for stoves	Stoves and Furnaces	126	154
Kindling-baskets	Stoves and Furnaces	126	154
Kindling-materials	Fuel	44	154
Kindling-packages	Fuel	44	154
King-bolts, Manufacture of	Hardware Manufactures	53C	31
Kitchen furniture, Making sheet-metal.	Sheet-Metal	113B	136
Kitchen-safes	Kitchen Utensils	65	88
Kitchen-sinks	Baths and Closets	4	8
Knapsacks	Trunks	133	162
Knapsack-slings	Trunks	133	162
Kneading-machines	Kitchen Utensils	65	88
Knee-caps	Harness	54	72
Knee-formers	Ships; 1	114	137
Knee-guards for horses	Harness	54	72
Knees	Ships; 1	114	137
Knee-swells for organs	Music	84	106
Knife-cleaners	Kitchen Utensils	65	88
Knife-racks	Kitchen Utensils	65	88
Knife-rests	Kitchen Utensils	65	88
Knife-sharpeners	Grinding and Polishing	51	44
Knitted goods	Knitting and Netting		89
Knitting-burrs, Manufacture of	Hardware Manufactures	53	89
Knitting-burrs, Making	Needles and Pins	86	89
Knitting-machines	Knitting and Netting	66	89
Knitting-machines, Burrs for	Knitting and Netting	66	89
Knitting-machines, Needles for	Knitting and Netting	66	89
Knitting-machines, Setting-up devices for	Knitting and Netting	66	89
Knitting-machines, Sinkers for	Knitting and Netting	66	89
Knitting-machines, Stop-motions for	Knitting and Netting	66	89
Knitting-machines, Take-up devices for	Knitting and Netting	66	89
Knitting-machines, Tension-devices for	Knitting and Netting	66	89
Knitting-machines, Transferring de- vices for	Knitting and Netting	66	89
Knitting-needles, Making	Needles and Pins	86	89
Knives	Cutlery	30	44
Knives, Amputating	Cutlery	30	156
Knives and forks combined	Cutlery	30	44
Knives and spoons combined	Cutlery	30	44
Knives, Attaching handles to	Cutlery	30	44

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub- scription classification.
Knives, Bread	Cutlery	30	44
Knives, Budding	Cutlery	30	63
Knives, Butcher	Cutlery	30	44
Knives, Cane	Cutlery	30	44
Knives, Carving	Cutlery	30	44
Knives, Corn	Cutlery	30	44
Knives, Curriers'	Cutlery	30	44
Knives, Dirk	Cutlery	30	44
Knives, Drawing	Wood-Working; 4	145	49
Knives for cutting corn from the cob	Cutlery	30	44
Knives, Fruit	Cutlery	30	44
Knives, Grafting	Cutlery	30	63
Knives, Handles for	Cutlery	30	44
Knives, Hay	Cutlery	30	49
Knives, Hoof-paring	Cutlery	30	60
Knives, Machete	Cutlery	30	44
Knives, Manufacture of	Hardware Manufactures	53A	44
Knives, Meat	Cutlery	30	44
Knives, Oyster	Cutlery	30	44
Knives, Pocket	Cutlery	30	44
Knives, Pruning	Cutlery	30	63
Knives, Shoe	Cutlery	30	16
Knob-fasteners	Locks and Latches	70	93
Knob-latches	Locks and Latches	70	93
Knobs, Door	Locks and Latches	70	93
Knobs for doors and bell-pulls, Manufacture of	Hardware Manufactures	53B	93
Knobs to spindles, Attaching	Locks and Latches	70	93
Knuckle-shields for scrubbing	Brushes and Brooms	15	22
L.			
Label-fasteners	Stationery	120	146
Label-holders	Stationery	120	146
Label machines, Paper	Paper Manufactures	93	117
Labels	Stationery	120	146
Labels, Adhesive	Stationery	120	146
Ladling glass	Glass	49	68
Lace-machines	Knitting and Netting	66	89
Lace-paper machines	Paper Manufactures	93	108
Lacing-hooks	Clasps and Buckles	24	23
Lacing, Leather shoe	Boots and Shoes	12	16
Lactometers	Measuring-Instruments	73	45
Lacquers	Paint	91	107
Ladders	Carpentry	20	30
Ladders, Combination	Carpentry	20	30
Ladders, Extension	Carpentry	20	30
Ladders, Fire	Carpentry	20	30
Ladders, Garden	Carpentry	20	30
Ladders, Step	Carpentry	20	30
Ladies' figure-stands	Apparel	2	38
Ladles for molten metal	Casting	22	33
Lagging for drums	Journals and Bearings	64	87
Lambrequins	Furniture	45	62
Lampblack	Paint	91	107
Lamp-chimney adjusters	Lamps and Gas-Fittings	67	90
Lamp-chimney cleaners	Kitchen Utensils	65	90
Lamp-chimneys	Lamps and Gas-Fittings	67	90
Lamp-cones	Lamps and Gas-Fittings	67	90
Lamp-elevators	Lamps and Gas-Fittings	67	90

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub-description classification.
Lamp-fillers	Journals and Bearings	64	90
Lamp-posts	Lamps and Gas-Fittings	67	90
Lamp-reflectors	Lamps and Gas-Fittings	67	90
Lamps	Lamps and Gas-Fittings	67	90
Lamps, Electric	Electricity	36	90
Lamp-shade holders	Lamps and Gas-Fittings	67	90
Lamp-shades	Lamps and Gas-Fittings	67	90
Lamps, Miners'	Lamps and Gas-Fittings	67	62
Lamp-stands	Lamps and Gas-Fittings	67	90
Lamps, Submarine	Lamps and Gas-Fittings	67	90
Lamps, Vapor	Lamps and Gas-Fittings	67	90
Lamp-wick adjusters	Lamps and Gas-Fittings	67	90
Lamp-wick trimmers	Lamps and Gas-Fittings	67	90
Lamp-wicks	Lamps and Gas-Fittings	67	90
Lamp-wicks, Chemical treatment of	Chemical Miscellaneous	23	35
Lamp-wick scissors	Cutlery	30	44
Lances, Bomb	Projectiles	102	105
Lancets	Cutlery	30	156
Landing-platforms	Carpentry	61	79
Land-markers	Seeders and Planters	111	133
Land-paring machines	Plows	97	114
Lanterns	Lamps and Gas-Fittings	67	90
Lanterns, Magic	Optics	88	157
Lanterns, Signal	Signals	116	120
Lapidary tools	Grinding and Polishing	51	70
Lapidary wheels	Grinding and Polishing	51	70
Lapidary work	Grinding and Polishing	51	70
Lapping-machines	Carding	19	28
Lapping, Printers'	Printing	101	117
Lap-rings	Clasps and Buckles	24	23
Laps	Grinding and Polishing	51	70
Lap-shavers	Boots and Shoes	12	16
Lard-coolers	Oil, Fat, and Glue	87	26
Lard-oil presses	Presses	100	26
Lard-oil rendering-tanks	Oil, Fat, and Glue	87	47
Lard-presses	Presses	100	26
Lard-renderers	Oil, Fat, and Glue	87	26
Lard-squeezers	Presses	100	26
Lard-tanks for rendering	Stoves and Furnaces	126	26
Lard, Treatment of	Oil, Fat, and Glue	87	26
Lassoos	Harness	54	72
Last-holders	Boots and Shoes	12	16
Lasting-machines	Boots and Shoes	12	16
Lasts	Boots and Shoes	12	16
Lasts, Machines for cutting	Wood-Working ; 1	142	172
Lasts, Machines for making	Wood-Working ; 1	142	172
Lasts, Machines for polishing	Wood-Working ; 1	142	70
Lasts, Machines for turning	Wood-Working ; 1	142	172
Lasts, Toe-pieces for	Boots and Shoes	12	16
Latches	Locks and Latches	70	93
Latches, Manufacture of	Hardware Manufactures	53B	93
Lathe-dogs for wood-lathes	Wood-Working ; 1	142	173
Lathes for milling	Metal-Working ; 7	82	100
Lathes for screw-cutting	Metal-Working ; 7	82	100
Lathes for turning	Metal-Working ; 7	82	100
Lathes for turning irregular forms	Wood-Working ; 1	142	172
Lathes for watchmakers	Metal-Working ; 7	82	76
Lathes, Mandrels for wood	Wood-Working ; 1	142	172
Lathes, Wood	Wood-Working ; 1	142	172
Lathing	Carpentry	20	30

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub-description classification.
Lathing-machines.	Carpentry	20	29
Lathing, Metallic	Masonry	72	4
Lath, Machines for cutting	Wood-Working; 3	144	174
Lath, Machines for splitting	Wood-Working; 3	144	174
Latitude, Instruments for determining.	Optics	88	157
Launching vessels	Hydraulic Engineering	61	82
Laundries	Laundry	68	91
Lawn-mowers	Harvesters	56	75
Laying	Garden and Orchard	47	63
Laying pavements	Paving	94	110
Laying rope	Cordage	28	127
Laying submarine cables	Hydraulic Engineering	61	82
Laying-top for cordage-machines	Cordage	28	127
Lazy-jacks for sails	Ships; 1	114	138
Leaches	Water-Distribution	137	167
Leaches, Ash	Oil, Fat, and Glue	87	26
Lead-cutters for printers	Sheet-Metal	113A	117
Leaders for spouting	Roofing	108	126
Lead pipe	Tubing and Wire	134	163
Lead-pipe lining	Tubing and Wire	134	163
Lead-pipe lining by electro-plating process	Plating	96	163
Lead pipe, Machines for making	Tubing and Wire	134	163
Leaf-turners for music-books	Music	84	102
Leaf-signals	Signals	116	137
Leaf-stoppers	Ships; 1	114	137
Leather, Artificial	Paint	91	92
Leather-boarding	Tanning	129	92
Leather carpet	Leather	69	92
Leather cloth	Paint	91	92
Leather, Compositions for treating	Tanning	129	92
Leather, Compounds of waste	Tanning	129	92
Leather-cutting machines	Leather	69	92
Leather-dressing	Tanning	129	92
Leather-embossing machines	Leather	69	92
Leather, Enameling	Paint	91	92
Leather-finishing	Tanning	129	92
Leather-glueing machines	Leather	69	92
Leather-graining	Tanning	129	92
Leather-hammering machines	Leather	69	92
Leather hats	Felting and Hats	38	76
Leathering tacks	Nails	85	103
Leather, Japanning	Paint	91	107
Leather, Manufacture of	Tanning	129	92
Leather pegs for shoes	Boots and Shoes	12	16
Leather-piercing machines	Leather	69	16
Leather-pressing machines	Leather	69	16
Leather-punches	Clasps and Buckles	24	92
Leather-punching machines	Clasps and Buckles	24	92
Leather-quilting machines	Sewing-Machines	112	134
Leather rings, Tools for cutting	Leather	69	92
Leather-rolling machines	Leather	69	92
Leather-rounding machines	Leather	69	92
Leather-scalloping machines	Leather	69	92
Leather-shaving machines	Leather	69	92
Leather-skiving machines	Leather	69	92
Leather-sorting machines	Leather	69	92
Leather-splitting machines	Leather	69	92
Leather straps	Leather	69	92

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub-description classification.
Leather-stretching machines	Leather	69	92
Leather-stripping machines	Leather	69	92
Leather tubs, Machines for making	Leather	69	92
Leather washers and wads, Tools for cutting	Leather	69	92
Leather, Water-proofing	Tanning	129	92
Leather whips, Machines for making	Leather	69	72
Leather-working tools, Manufacture of	Metal-Working; 6	81B	92
Leeches, Mechanical	Surgery	128	156
Leers	Glass	59	68
Lee-way indicators	Measuring-Instruments	73	137
Leggings	Boots and Shoes	12	16
Legs, Artificial	Artificial Limbs	3	5
Lemon-squeezers	Kitchen Utensils	65	88
Lenses	Optics	88	157
Lenses, Grinding	Grinding and Polishing	51	157
Lenses, Polishing	Grinding and Polishing	51	157
Let-off motions for looms	Weaving	139	95
Letter-balances	Measuring-Instruments	73	132
Letter-boxes	Stationery	120	146
Letter-clips	Stationery	120	146
Letter-files	Stationery	120	146
Letter-openers	Stationery	120	146
Letter-receiving boxes	Stationery	120	146
Leucorrhœa, Instruments for treating	Surgery	128	156
Levees	Hydraulic Engineering	61	82
Leveling millstones	Mills	83	57
Levels	Optics	88	157
Level-staffs	Optics	88	157
Lever-powers	Mechanical Powers	74	79
Levers, Differential	Mechanical Powers	74	79
Lewis for lifting stone	Stone, Lime, and Cement	125	79
Lid lifters, Stove	Stoves and Furnaces	126	154
Life-boats	Boats	9	13
Life-buckets	Boats	9	138
Life, Instruments for stimulating	Surgery	128	156
Life-preservers	Boats	9	138
Life-rafts	Boats	9	13
Lifters for kettles, ovens, &c	Stoves and Furnaces	126	154
Lifters for stove-lids	Stoves and Furnaces	126	154
Lifting-apparatus	Hoisting	57	79
Lifting-jacks	Hoisting	57	79
Lifting-screws	Hoisting	57	79
Ligatures	Surgery	128	156
Ligatures, Instruments for adjusting	Surgery	128	156
Lights	Ships; 1	114	13
Light-houses	Masonry	72	4
Lighting-devices	Lamps and Gas-Fittings	67	90
Lighting gas by electricity	Electricity	36	64
Lightning-arresters	Electricity	36	50
Lightning-protectors	Electricity	36	50
Lightning-rods	Electricity	36	50
Lightning-rods, Rolling	Metal-Working; 5	80	125
Lights, Deck	Ships; 1	114	137
Lights, Electric	Electricity	36	50
Light-ships	Ships; 1	114	137
Lights, Side	Ships; 1	114	137
Likenesses, Mounting	Fine Arts	41	54
Lime-furnaces	Stone, Lime, and Cement	125	153
Lime-kilns	Dryers and Kilns	34	153

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub- scriptio n classification.
Lime-spreaders	Seeders and Planters	111	133
Linchpins	Carriages and Wagons	21	31
Line-fasteners	Laundry	68	91
Line-reel, Gardeners'	Garden and Orchard	47	63
Line-reels	Laundry	68	91
Line-wires	Electricity	36	50
Line-wires, Covering	Electricity	36	50
Line-wires, Insulating	Electricity	36	50
Line-wires, Protecting	Electricity	36	50
Line-wires, Supporting	Electricity	36	50
Line-wires, Underground	Electricity	36	50
Liniments	Chemical Miscellaneous	23	98
Lining canals	Hydraulic Engineering	61	82
Lining cylinders	Tubing and Wire	134	163
Lining for safes	Safes	109	128
Lining for ships	Ships; 1	114	137
Lining gun-barrels	Tubing and Wire	134	163
Lining metallic pipes	Tubing and Wire	134	163
Linings for stoves	Stoves and Furnaces	126	154
Lining tubes	Tubing and Wire	134	154
Link motion for steam-engines	Steam; 3	123	150
Liquid-meters	Pumps	103	118
Liquor-pourers	Kitchen Utensils	65	88
Lithographic presses	Printing	101	117
Lithographic printing	Fine Arts	41	54
Lithography	Fine Arts	41	54
Lithotropic instruments	Surgery	128	156
Lithotritors	Surgery	128	156
Litters	Carriages and Wagons	21	31
Loading machinery for wagons, vessels, and cars	Hoisting	57	79
Lock-bolt keepers	Locks and Latches	70	93
Lock-bolts	Locks and Latches	70	93
Locket-cases	Jewelry	63	86
Locketts	Jewelry	63	86
Locketts, Manufacture of	Hardware Manufactures	53E	86
Locking apparatus for ferry-boats	Ships; 1	114	79
Locking-nuts	Bolts, Nuts, and Rivets	10	14
Locks	Locks and Latches	70	93
Locks, Bag	Locks and Latches	70	93
Locks, Canal	Hydraulic Engineering	61	89
Locks, Car-door	Locks and Latches	70	93
Locks, Car-seat arm	Locks and Latches	70	93
Locks, Chest	Locks and Latches	70	93
Locks, Door	Locks and Latches	70	93
Locks, Drawer	Locks and Latches	70	93
Locks for fire-arms	Fire-Arms	42	55
Locks for ordnance	Ordnance	89	105
Locks, Hasp	Locks and Latches	70	93
Locks, Manufacture of	Hardware Manufactures	53B	93
Locksmiths' tools	Metal-Working; 6	81A	93
Locks, Pad	Locks and Latches	70	93
Locks, Permutation	Locks and Latches	70	93
Locks, Piano	Locks and Latches	70	93
Locks, Safe	Locks and Latches	70	93
Locks, Sash	Locks and Latches	70	93
Locks, Seal	Locks and Latches	70	93
Locks, Shutter	Locks and Latches	70	93
Locks, Time	Locks and Latches	70	93
Locks, Trunk	Locks and Latches	70	93

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub- scripti- on classifi- cation.
Locks, Valise	Locks and Latches	70	93
Locks, Window	Builders' Hardware	16	24
Lock-trimmings	Locks and Latches	70	93
Lock-trimmings, Manufacture of	Hardware Manufactures	53B	93
Lock-up safety-valves	Valves	136	152
Lock valves, Canal	Hydraulic Engineering	61	82
Locomotive-axles, Making	Railways; 4	107	94
Locomotive-boilers	Steam; 3	123	94
Locomotive-engines	Steam; 3	123	94
Locomotive-frames, Making	Railways; 4	107	94
Locomotive-furnaces	Steam; 3	123	94
Locomotive head-lights	Lamps and Gas-Fittings	67	90
Locomotive-pumps	Steam; 3	123	118
Locomotives	Steam; 3	123	94
Locomotives, Fire-boxes for	Steam; 3	123	94
Locomotives, Furnace-doors for	Steam; 3	123	94
Locomotive smoke-stacks	Steam; 3	123	94
Locomotives, Reversing-gear for	Steam; 3	123	94
Locomotive valve-gear	Steam; 3	123	94
Logs, Booming	Boats	9	82
Logs, Electrical	Electricity	36	50
Logs, Implements for loading	Hoisting	57	79
Logs, Implements for piling	Hoisting	57	79
Logs, Implements for rolling	Hoisting	57	79
Logs, Rafting	Boats	9	13
Logs, Ships'	Measuring-Instruments	73	137
Longitude, Instruments for determin- ing	Optics	88	157
Looking-glasses	Furniture	45	62
Looking-glasses, Hanging	Furniture	45	62
Looms, Electrical	Electricity	36	95
Looms	Weaving	139	95
Looms for cross-weaving	Weaving	139	95
Looms for curvilinear weaving	Weaving	139	95
Looms for weaving bags	Weaving	139	95
Looms for weaving baskets	Weaving	139	95
Looms for weaving belting	Weaving	139	95
Looms for weaving blinds	Weaving	139	95
Looms for weaving cane	Weaving	139	95
Looms for weaving caps	Weaving	139	95
Looms for weaving carpets	Weaving	139	95
Looms for weaving cases for bottles	Weaving	139	95
Looms for weaving corded fabrics	Weaving	139	95
Looms for weaving counterpanes	Weaving	139	95
Looms for weaving crinoline	Weaving	139	95
Looms for weaving cut-piled fabrics	Weaving	139	95
Looms for weaving double-piled fabrics	Weaving	139	95
Looms for weaving elastic fabrics	Weaving	139	95
Looms for weaving figured fabrics	Weaving	139	95
Looms for weaving fringes	Weaving	139	95
Looms for weaving hats	Weaving	139	95
Looms for weaving horse-hair	Weaving	139	95
Looms for weaving hose	Weaving	139	95
Looms for weaving ingrain carpets	Weaving	139	95
Looms for weaving matting	Weaving	139	95
Looms for weaving metallic tissues	Weaving	139	95
Looms for weaving piled fabrics	Weaving	139	95
Looms for weaving ribbons	Weaving	139	95
Looms for weaving satin	Weaving	139	95
Looms for weaving scarfs	Weaving	139	95

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub-description classification.
Looms for weaving shaped fabrics	Weaving	139	95
Looms for weaving shawls	Weaving	139	95
Looms for weaving sieve-cloth	Weaving	139	95
Looms for weaving silk	Weaving	139	140
Looms for weaving siats	Weaving	139	95
Looms for weaving straw fabrics	Weaving	139	95
Looms for weaving terry fabrics	Weaving	139	95
Looms for weaving tubular fabrics	Weaving	139	95
Looms for weaving velvets	Weaving	139	95
Looms for weaving wire	Weaving	139	170
Looms for weaving woolen cloth	Weaving	139	95
Loop-banding machines	Cordage	28	127
Looped fabrics	Knitting and Netting	66	89
Loopers for carpet-rags	Weaving	139	95
Lopping-shears	Cutlery	30	63
Lorgnettes	Optics	88	157
Lowering boats	Boats	9	13
Low-water alarms for steam-boilers	Steam ; 2	122	148
Low-water detectors for steam-boilers	Steam ; 2	122	148
Low-water indicators for steam-boilers	Steam ; 2	122	148
Lozenge-making machines	Sugar	127	155
Lubricants	Journals and Bearings	64	87
Lubricating compounds	Journals and Bearings	64	87
Lubricators	Journals and Bearings	64	87
Lubricators for pistons	Journals and Bearings	64	87
Lubricators for projectiles	Projectiles	102	105
Lubricators for spindles	Journals and Bearings	64	87
Lubricators, Mechanical	Journals and Bearings	64	87
Lubricators, Steam-operated	Journals and Bearings	64	87
Lumber-dryers	Dryers and Kilns	34	48
Lumber, Implements for loading and unloading	Hoisting	57	79
Lumber, Implements for piling	Hoisting	57	79
Lumbermen's tools, Manufacture of	Metal-Working ; 6	81B	49
Lumber-tallies	Measuring-Instruments	73	42
Lumber-wagons	Carriages and Wagons	21	31
Lunch-boxes	Kitchen Utensils	65	88
Lunch-heaters	Stoves and Furnaces	126	154
Lusters	Lamps and Gas-Fittings	67	90
Lye-extracts	Oil, Fat, and Glue	87	26
M.			
Machetes	Cutlery	30	44
Machine-guns	Ordnance	89	105
Machines for making welt-bindings	Weaving	139	95
Machinists' tools	Metal-Working ; 6	81A	100
Magazine small-arms	Fire-Arms	42	55
Magie-lanterns	Optics	88	157
Magnesium-lights	Lamps and Gas-Fittings	67	91
Magnetic apparatus	Electricity	36	50
Magnetic needles	Electricity	36	50
Magneto-electric machines	Electricity	36	50
Magnets	Electricity	36	50
Magnets, Receiving	Electricity	36	50
Magnets, Sonnding	Electricity	36	50
Magnifying-glasses	Optics	88	157
Mail-bag fasteners, (except Locks, Class 70)	Trunks	133	162
Mail-bag receiving and delivering apparatus	Railways ; 2	105	121

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub- cription classification.
Mail-bags	Trunks	133	162
Mail-distributing boxes	Stationery	120	146
Mains, Gas	Water-Distribution	137	64
Mains, Water	Water-Distribution	137	167
Malaxators	Clay	25	115
Malaxators, (see Class 25)	Stone, Lime, and Cement	125	115
Malleable iron castings, Furnaces for	Metallurgy	75	99
Mallets	Wood-Working; 4	145	174
Mallets, Croquet	Games and Toys	46	143
Mallets, Dental	Dental	32	46
Malting	Beer and Wine	7	19
Malt-kilns	Dryers and Kilns	34	19
Malt liquors, Cooling	Beer and Wine	7	19
Malt liquors, Preserving	Beer and Wine	7	19
Malt liquors	Beer and Wine	7	19
Mandrels	Metal-Working; 7	82	100
Mangers	Stabling	119	144
Mangles	Laundry	68	91
Man-holes for boilers and tanks	Steam; 2	122	148
Man-holes for sewers	Masonry	72	4
Manipulators	Electricity	36	50
Mantelets	Ordnance	89	105
Manufacture of aluminium	Metallurgy	75	99
Manufacture of cobalt	Metallurgy	75	99
Manufacture of copper	Metallurgy	75	99
Manufacture of iron	Metallurgy	75	85
Manufacture of lead	Metallurgy	75	99
Manufacture of magnesium	Metallurgy	75	99
Manufacture of nickel	Metallurgy	75	99
Manufacture of potassium	Metallurgy	75	99
Manufacture of sodium	Metallurgy	75	99
Manufacture of steel	Metallurgy	75	85
Manufacture of tin	Metallurgy	75	99
Manufacture of zinc	Metallurgy	75	99
Manure, Artificial	Manures	71	96
Manure-carts, Distributing	Seeders and Planters	111	133
Manure-drags	Harvesters	56	77
Manure-drills	Seeders and Planters	111	133
Manure-drills, Liquid	Seeders and Planters	111	133
Manure-forks	Garden and Orchard	47	77
Manure-hooks	Garden and Orchard	47	77
Manure-loading rakes	Harvesters	56	77
Manures, Composition, processes, machinery	Manures	71	96
Manure-screens	Seeders and Planters	111	133
Manure-spreaders	Seeders and Planters	111	77
Manure-sowers, Broadcast	Seeders and Planters	111	77
Manuring, Green	Seeders and Planters	111	77
Map-holders	Educational	35	146
Maple-sugar buckets	Garden and Orchard	47	63
Maple-sugar, Manufacture of	Sugar	127	155
Maple-sugar spiles	Garden and Orchard	47	63
Map projectors	Drafting	33	97
Maps	Educational	35	146
Maps, Dissected	Educational	35	146
Maps, Outline	Educational	35	146
Marble, Artificial	Stone, Lime, and Cement	125	153
Marble-crushing machines	Ore	90	3
Marble-grinding	Grinding and Polishing	51	3

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub- script classification.
Marble-grinding, Compositions for.....	Grinding and Polishing.....	51	3
Marble-polishing.....	Grinding and Polishing.....	51	153
Marble-working machines.....	Stone, Lime, and Cement..	125	153
Marine railways.....	Hydraulic Engineering.....	61	82
Mariners' compasses.....	Electricity.....	36	50
Marine safes.....	Boats.....	9	13
Marine signals.....	Signals.....	116	158
Marine steam-boilers.....	Steam; 2.....	122	148
Markers for seeding-machines.....	Seeders and Planters.....	111	133
Markers for sewing-machines.....	Sewing-Machines.....	112	134
Market-stalls.....	Furniture.....	45	62
Mark-holders for bales.....	Stationery.....	120	146
Marl, Treatment of.....	Manures.....	71	96
Marquetry.....	Fine Arts.....	41	54
Marshes, Machines for filling.....	Hydraulic Engineering.....	61	82
Marshes, Reclaiming.....	Hydraulic Engineering.....	61	82
Martingales.....	Harness.....	54	72
Martin-houses.....	Garden and Orchard.....	47	143
Mash-tubs.....	Beer and Wine.....	7	19
Masks.....	Games and Toys.....	46	143
Masonry.....	Masonry.....	72	4
Mast-hoops.....	Ships; 1.....	114	138
Masting-sheers.....	Hoisting.....	57	79
Masts.....	Ships; 1.....	114	138
Mast-scrapers.....	Wood-Working; 4.....	145	138
Metallic blinds, doors, floors, gratings, and shutters.....	Masonry.....	72	4
Match-blocks, Machines for making.....	Wood-Working; 3.....	144	174
Match-boxes.....	Lamps and Gas-Fittings.....	67	90
Matches, Compositions for.....	Gunpowder.....	52	71
Matches, Dipping frames for.....	Wood-Working; 3.....	144	71
Matches in frames, Machines for putting.....	Wood-Working; 3.....	144	71
Matches, Machines for pointing.....	Wood-Working; 3.....	144	71
Matches, Machines for making.....	Wood-Working; 3.....	144	71
Matches, Machines for rounding.....	Wood-Working; 3.....	144	174
Matches, Machines for splitting.....	Wood-Working; 3.....	144	174
Match-planes.....	Wood-Working; 4.....	145	29
Match-plates.....	Casting.....	22	33
Match-safes.....	Lamps and Gas-Fittings.....	67	90
Match-splints, Framing.....	Wood-Working; 3.....	144	174
Match-splints, Machines for making.....	Wood-Working; 3.....	144	174
Mathematical instruments.....	Drafting.....	33	97
Mathematical scales.....	Drafting.....	33	132
Materials for bands, belts, and hose.....	Hose and Belting.....	60	81
Mats, Car.....	Brushes and Brooms.....	15	22
Mats, Door.....	Brushes and Brooms.....	15	22
Mats for cars, Wooden.....	Brushes and Brooms.....	15	22
Mats for oil-presses.....	Presses.....	100	7
Mats, Slat.....	Brushes and Brooms.....	15	22
Matting.....	Weaving.....	139	56
Mattocks.....	Garden and Orchard.....	47	141
Mattresses.....	Beds.....	5	62
Mattresses, Machines for making.....	Beds.....	5	62
Mattresses, Materials for.....	Beds.....	5	62
Meal-bins.....	Kitchen Utensils.....	65	88
Meal-chests.....	Kitchen Utensils.....	65	88
Measures, Board.....	Measuring-Instruments.....	73	42
Measures, Cloth.....	Measuring-Instruments.....	73	37
Measures, Dry.....	Measuring-Instruments.....	73	136

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub- cription classification.
Measures, Liquid	Measuring-Instruments	73	132
Measures, Lumber	Measuring-Instruments	73	42
Measures of capacity	Measuring-Instruments	73	132
Measures, Tailors'	Measuring-Instruments	73	97
Measures, Tape	Measuring-Instruments	73	97
Measures, Tire	Measuring-Instruments	73	97
Measuring cloth, Machines for	Cloth	26	37
Measuring devices of faucets	Measuring-Instruments	73	132
Measuring devices of funnels	Measuring-Instruments	73	132
Measuring devices of pumps	Measuring-Instruments	73	132
Measuring-sticks	Measuring-Instruments	73	97
Measuring yarns, threads, &c	Cordage	28	97
Meat cans and jars	Preserving Food	99	58
Meat-curing	Preserving Food	99	58
Meat-cutters, (<i>for Miners see Class 17</i>)	Kitchen Utensils	65	88
Meat-dryers	Dryers and Kilns	34	58
Meat-grinders	Butchery	17	25
Meat-holders	Kitchen Utensils	65	88
Meat-packing	Preserving Food	99	58
Meat-presses	Presses	100	7
Meat-safes	Kitchen Utensils	65	88
Meat-saws	Saws	110	25
Meats, Compositions for preserving	Preserving Food	99	58
Meat-spits	Kitchen Utensils	65	88
Meats, Processes for preserving	Preserving Food	99	58
Meat-tenderers	Kitchen Utensils	65	88
Mechanical leeches	Surgery	128	156
Mechanical memoranda	Stationery	120	146
Mechanical movements	Mechanical Powers	74	67
Mechanical typographers	Printing	101	117
Medals	Fine Arts	41	54
Medical compounds	Chemical Miscellaneous	23	98
Medical-electric apparatus	Electricity	36	50
Medicators	Surgery	128	98
Medicinal powders, Instruments for putting up	Surgery	128	98
Medicine-cases	Surgery	128	156
Medicine-glasses, Graduated	Measuring-Instruments	73	98
Medicines	Chemical Miscellaneous	23	98
Medicines, Instruments for adminis- tering	Surgery	128	98
Medicines, Instruments for compound- ing	Surgery	128	98
Medicine spoons	Surgery	128	98
Meerschaums	Tobacco	131	160
Melodeons	Music	84	106
Melting glass	Glass	49	68
Memorandum-books	Stationery	120	146
Menstruation, Instruments for arresting	Surgery	128	156
Meridian-finders	Optics	88	157
Mess-chests	Kitchen Utensils	65	88
Mess-kits	Kitchen Utensils	65	88
Metallie blinds, doors, shutters, and gratings	Carpentry	20	4
Metallie boats	Boats	9	13
Metallie roofing	Roofing	108	126
Metallie surfaces, Compositions for coating	Paint	91	107
Metallurgic furnaces	Metallurgy	75	99
Metallurgic processes	Metallurgy	75	99

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub-description classification.
Metal-saws	Saws	110	130
Metals, Furnaces for reducing	Metallurgy	75	99
Metals, Manufacture of	Metallurgy	75	99
Metals, Purification of	Metallurgy	75	99
Metals with metals, Coating	Plating	96	113
Metal-working tools	Metal-Working; 6	81A	100
Meteorological instruments	Measuring-Instruments	73	101
Meteorometers, Telegraphic	Electricity	36	50
Meters	Measuring-Instruments	73	132
Meters, Air	Pneumatics	98	64
Meters, Current	Measuring-Instruments	73	82
Meters, Drop	Measuring-Instruments	73	98
Meters, Electrical	Electricity	36	50
Meters, fluid, Registering devices of	Measuring-Instruments	73	167
Meters, Gas	Pneumatics	98	64
Meters, gas, Registering devices of	Measuring-Instruments	73	64
Meters, Liquid	Pumps	103	167
Meters, liquid, Registering devices of	Measuring-Instruments	73	167
Meters, Registering devices for	Measuring-Instruments	73	167
Meters, Registering devices of water	Measuring-Instruments	73	167
Meters, Spirit	Pumps	103	167
Meters, spirit, Registering devices of	Measuring-Instruments	73	167
Meters, Water	Pumps	103	167
Metronomes	Horology	58	36
Mica lamp-chimneys	Lamps and Gas-Fittings	67	90
Micrometers	Optics	88	157
Microscopes	Optics	88	157
Military accouterments	Trunks	133	162
Milk, Air-tight packages for	Preserving Food	99	58
Milk-cans	Dairy	31	45
Milk-carriers	Dairy	31	45
Milk-closets	Dairy	31	45
Milk, Condensing	Preserving Food	99	58
Milk-coolers	Ice	62	45
Milkers, Cow	Dairy	31	45
Milk-houses	Dairy	31	45
Milking-shields	Surgery	128	45
Milking-stools	Dairy	31	62
Milk-pails	Dairy	31	45
Milk-pans	Dairy	31	45
Milk-safes	Dairy	31	45
Milk-shelves	Dairy	31	45
Milk-strainers	Dairy	31	45
Milk-testers, (except Lactometers, Class 73.)	Dairy	31	45
Mill-board	Paper-Making	92	108
Mill-dams	Hydraulic Engineering	61	82
Millers' alarms	Mills	83	57
Milling-cloth	Cloth	26	37
Milling-machines	Metal-Working; 7	82	100
Mill-gearing	Mechanical Powers	74	67
Mills	Mills	83	57
Mills, Cane	Mills	83	155
Mills, Clay	Clay	25	20
Mills, Gig	Cloth	26	37
Mills, Pug	Clay	25	20
Mills, Sorghum	Mills	83	155
Mills, Sugar	Mills	83	155
Millstone-bridges	Mills	83	57
Millstone bush-hammers	Stone, Lime, and Cement	125	57

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub-description classification.
Millstone-curbs	Mills	83	57
Millstone-dress	Mills	83	57
Millstone-eyes	Mills	83	57
Millstone-hammers	Stone, Lime, and Cement ..	125	57
Millstone-picks	Stone, Lime, and Cement ..	125	57
Millstones	Stone, Lime, and Cement ..	125	57
Millstones	Mills	83	57
Millstones, Balancing	Mills	83	57
Millstone-scrapers	Stone, Lime, and Cement ..	125	57
Millstones, Dressing	Mills	83	57
Millstones, Elevating	Mills	83	57
Millstones, Hanging	Mills	83	57
Millstones, Leveling	Mills	83	57
Millstones, Regulating	Mills	83	57
Millstones, Supporting	Mills	83	57
Millstones, Trimming	Mills	83	57
Millstones, Ventilating	Mills	83	57
Mincing-machines	Butchering	17	25
Mineral-waters, Compositions for	Aëration and Bottling	1	1
Miners' tools, Manufacture of	Metal-Working ; 6	81B	124
Mining	Stone, Lime, and Cement ..	125	124
Mirrors	Furniture	45	62
Mirrors for windows	Furniture	45	62
Miter-boxes	Wood-Working ; 4	145	29
Mitering printers' rules	Sheet-Metal	113A	117
Mitrailleuses	Ordnance	89	105
Mittens	Apparel	2	38
Moccasins	Boots and Shoes	12	16
Moire metallique	Plating	96	113
Molasses-gates	Valves	136	167
Molasses, Treatment of	Sugar	127	155
Mold-boards for plows	Plows	97	114
Mold-boards, Materials for	Plows	97	114
Molders' flasks	Casting	22	33
Molders' tables	Casting	22	33
Molding glass	Glass	49	68
Molding-machines, (wood)	Wood-Working ; 2	143	173
Molding pipe, Machines for	Casting	22	33
Molding-planes	Wood-Working ; 4	145	173
Mold-facing	Casting	22	33
Molds, Composition for glass	Glass	49	68
Molds, Dental	Dental	32	46
Molds for bricks and ceramics	Clay	25	20
Molds for casting metals	Casting	22	33
Molds for cornice	Masonry	72	4
Molds for glass	Glass	49	68
Molds for rubber goods	Caoutchouc	18	84
Mole-plows	Plows	97	114
Monitors	Ships ; 1	114	137
Monitor-turrets	Ships ; 1	114	137
Monkey-wrenches	Metal-Working ; 6	81A	100
Monuments	Fine Arts	41	54
Mop-handles	Brushes and Brooms	15	22
Mop-heads	Brushes and Brooms	15	22
Mops	Brushes and Brooms	15	22
Mop-wringers	Brushes and Brooms	15	22
Mortar	Stone, Lime, and Cement ..	125	153
Mortar, Applications of	Masonry	72	153
Mortar-machines	Clay	25	153
Mortar-mixers	Clay	25	153

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub- script classification.
Mortars	Ordnance	89	105
Mortars, Pharmacutists'	Surgery	128	98
Mortising-machines	Wood-Working; 2	143	173
Mosaic	Fine Arts	41	54
Mosaic tiles	Clay	25	20
Mosquito-netting, Frames for	Beds	5	62
Moth-destroyers	Bee-Hives	6	9
Moth-traps	Bee-Hives	6	9
Motion, Converting	Mechanical Powers	74	67
Motion, Multiplying	Mechanical Powers	74	67
Motion, Transmitting	Mechanical Powers	74	67
Motors, Mechanical	Mechanical Powers	74	67
Mottled yarns	Spinning	118	17
Mottled yarns, Machines for making	Spinning	118	142
Mounting ordnance	Ordnance	89	105
Mousing-hooks	Clasps and Buckles	24	23
Mouth-pieces for cigars and pipes	Tobacco	131	160
Movement-cure apparatus	Surgery	128	156
Moving-machines	Harvesters	56	74
Mucilage-bottles	Stationery	120	146
Mucilage-holders	Stationery	120	146
Mud-boats	Ships; 1	114	14
Mud-collectors for steam-boilers	Steam; 2	122	148
Mud-machines	Hydraulic Engineering	61	82
Muffs	Apparel	2	38
Mules	Spinning	118	142
Muley-saws	Saws	110	130
Music	Music	84	102
Musical instruments	Music	84	102
Musical instruments, Electric attach- ments to	Electricity	36	102
Musical notation	Music	84	102
Music-boxes	Music	84	102
Music-stands	Furniture	45	62
Mustache-guard	Toilet	132	161
Muzzle-rings	Harness	54	72
Muzzles	Harness	54	72
N.			
Nail-brushes	Brushes and Brooms	15	161
Nail-distributing machines	Nails	85	103
Nail-extractors	Wood-Working; 4	145	29
Nailing-machines, Boot	Boots and Shoes	12	16
Nail-plate feeders	Nails	85	103
Nails	Nails	85	103
Nails, Cut	Nails	85	103
Nails, Machines for making	Nails	85	103
Nails, Wrought	Nails	85	103
Napkin-holders	Kitchen Utensils	65	88
Napkins	Kitchen Utensils	65	88
Napping-machines for cloth	Cloth	26	37
Napping-machines, Hat	Felting and Hats	38	76
Nasal douches	Surgery	128	156
Nasal tubes	Surgery	128	156
Nautical alarms	Signals	116	137
Nautical blocks, Machines for making	Wood-Working; 3	144	174
Naval architecture	Ships; 1	114	137
Neck-tie clasps	Clasps and Buckles	24	38
Neck-tie retainers	Apparel	2	38

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub-description classification.
Neck-ties	Apparel	2	38
Neck-yokes	Carriages	21	31
Needle-boxes	Apparel	2	38
Needle-cases	Apparel	2	38
Needle-guards	Apparel	2	38
Needle-guns	Fire-Arms	42	18
Needles	Apparel	2	104
Needle-setters for sewing-machines	Sewing-Machines	112	134
Needles for knitting-machines	Knitting and Netting	66	89
Needles for sewing-machines	Sewing-Machines	112	104
Needles, Machines for making	Needles and Pins	86	104
Needles, Machines for papering	Needles and Pins	86	104
Needles, Surgeons'	Surgery	128	156
Needle-threaders	Apparel	2	38
Needle-threaders for sewing-machines	Sewing-Machines	112	134
Needle-wrappers	Apparel	2	104
Nests for fowls	Stabling	119	116
Nests, Bird	Games and Toys	46	143
Nets, Fishing	Fishing	43	143
Nets, Ladies' head	Felting and Hats	38	160
Netting-machines	Knitting and Netting	66	89
Newspaper-clamps	Stationery	120	146
Newspaper-covers	Stationery	120	146
Newspaper-folders	Paper Manufactures	93	117
Nicking horses, Apparatus for	Stabling	119	144
Night-carts	Carriages and Wagons	21	31
Night-latches	Locks and Latches	70	93
Night-soil, Treatment of	Manures	71	96
Nipple-guards for fire-arms	Fire-Arms	42	55
Nipples, Artificial	Surgery	128	156
Nipple-shields	Surgery	128	156
Nipples of fire-arms	Fire-Arms	42	55
Nitro-glycerine	Gunpowder	52	71
Nitrous oxide, Apparatus for making	Gas	48	46
Nitrous oxide gas, Instruments for administering	Surgery	128	46
Nose-bags	Harness	54	72
Nose-rings	Harness	54	144
Nostril-pinchers	Harness	54	144
Nozzles for fire-engines	Water-Distribution	137	167
Nozzles for hose	Water-Distribution	137	167
Nozzles for oil-cups	Water-Distribution	137	87
Nozzles, Manufacture of	Hardware Manufactures	53J	136
Nozzles, Variable exhaust	Steam; 3	123	94
Nubias	Felting and Hats	38	38
Numbering machines	Printing	101	15
Numeral-frames	Educational	35	146
Nursery-bottles	Surgery	128	156
Nursery-gates	Furniture	45	62
Nursing couches	Beds	5	62
Nut-blanks, Making	Bolts, Nuts, and Rivets	10	14
Nut-crackers	Kitchen Utensils	65	88
Nut-locks	Bolts, Nuts, and Rivets	10	14
Nut-making-machines	Bolts, Nuts, and Rivets	10	14
Nutmeg-graters	Kitchen Utensils	65	88
Nut-pickers	Kitchen Utensils	65	88
Nuts	Bolts, Nuts, and Rivets	10	14
Nut-threading machines	Bolts, Nuts, and Rivets	10	14

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub-description classification.
O.			
Oakum-pickers	Brakes and Gins	13	73
Oar-locks	Boats	9	13
Oars	Boats	9	13
Oars, Feathering	Boats	9	13
Oars, Machines for dressing	Wood-Working; 3	144	13
Oars, Machines for planing	Wood-Working; 3	144	13
Oars, Machines for riving	Wood-Working; 3	144	13
Oars, Machines for sawing	Saws	110	13
Oars, Machines for turning	Wood-Working; 1	142	13
Oasts	Dryers and Kilns	34	19
Object-teaching, Devices for	Educational	33	146
Obstetric apparatus	Surgery	128	156
Obstructing rivers and harbors	Hydraulic Engineering	61	82
Octants	Optics	88	157
Odometers	Measuring-Instruments	73	42
Offal, Deodorizing	Manures	71	96
Offal-dryers	Dryers and Kilns	34	48
Offal for fertilizers, Treatment of	Manures	71	96
Offal, Treating	Oil, Fat, and Glue	87	26
Office time-indicators, (<i>non-automatic</i>)	Stationery	120	146
Oil-cake trimmers	Presses	100	26
Oil-cans, Air-tight	Preserving Food	99	58
Oil-cloth	Paint	91	56
Oil-cloth cutters	Furniture	45	44
Oil-cloth printing	Printing	101	56
Oil-cups	Journals and Bearings	64	87
Oilers	Journals and Bearings	64	87
Oil extracting, Chemical modes of	Oil, Fat, and Glue	87	26
Oil-filters	Oil, Fat, and Glue	87	26
Oil-mills	Presses	100	26
Oil-presses	Presses	100	26
Oil-refining	Stills	124	47
Oils and fats from fiber and meal, Removing	Oil, Fat, and Glue	87	26
Oils, Apparatus for boiling	Stoves and Furnaces	126	26
Oils, fats, and glue	Oil, Fat, and Glue	87	26
Oil-stills	Stills	124	47
Oil-stones	Grinding and Polishing	51	70
Oil-tanks, Sealed	Preserving Food	99	58
Oil-wells, Blasting	Projectiles	102	124
Oil-wells, Torpedoes for	Projectiles	102	124
Ointments	Chemical Miscellaneous	23	98
Oleometers	Measuring-Instruments	73	47
Olivers	Metal-Working; 3	78	60
Omnibuses	Carriages and Wagons	21	31
Open links	Clasps and Buckles	24	23
Open rings	Clasps and Buckles	24	23
Opera-glasses	Optics	88	157
Operating ordnance	Ordnance	89	105
Ophthalmoscopes	Surgery	128	157
Optical instruments	Optics	88	157
Ordnance	Ordnance	89	105
Ordnance, Attaching trunnions to	Ordnance	89	105
Ordnance, Instruments for disabling	Ordnance	89	105
Ordnance-manufacturing	Metal-Working; 3	78	105
Ordnance, Mounting	Ordnance	89	105
Ordnance, Operating	Ordnance	89	105
Ordnance-projectiles	Projectiles	102	105

SUBJECT.	Name of class—official classification.	No. of class-official classification.	No. of class-subscription classification.
Ore-crushers	Ore	90	3
Ore-disintegrators	Ore	90	3
Ore-dressers	Ore	90	3
Ore-mills	Ore	90	3
Ores, Calcining	Metallurgy	75	99
Ores, Desulphurizing	Metallurgy	75	99
Ore-separators	Ore	90	3
Ores, Furnaces for reducing	Metallurgy	75	99
Ores, Oxidizing	Metallurgy	75	99
Ores, Roasting	Metallurgy	75	99
Ores, Smelting	Metallurgy	75	99
Ore-stamps	Ore	90	3
Ore-washers	Ore	90	3
Organ-actions	Music	84	106
Organ-bellows	Music	84	106
Organ-couplers	Music	84	106
Organ key-boards	Music	84	106
Organ-pipes	Music	84	106
Organs	Music	84	106
Organ sound-boards	Music	84	106
Organ-stops	Music	84	106
Organs, Tremolo attachments to	Music	84	106
Organ-swells	Music	84	106
Organ-tuning	Music	84	106
Organ wind-chests	Music	84	106
Ornamental yarns	Cordage	28	17
Ornamentation	Fine Arts	41	54
Ornamenting glass	Glass	49	54
Ornaments, Compositions for plaster	Stone, Lime, and Cement	125	153
Ornaments for sheet-metal ware, Die	Sheet-Metal	113A	136
Ornaments, Small metallic	Clasps and Buckles	24	23
Ornaments, (small metallic,) Manufacture of	Hardware Manufactures	53E	23
Orneries	Educational	35	146
Orthopedic apparatus	Artificial Limbs	3	156
Oscillating steam-engines	Steam; 1	121	150
Oscillating-valves	Valves	136	152
Osier-cutting	Garden and Orchard	47	63
Osier-peelers	Wood-Working; 3	144	169
Otosopes	Surgery	128	156
Ottomans	Furniture	45	62
Outriggers	Boats	9	13
Oval frames, Machines for turning	Wood-Working; 1	142	175
Ovens, Bakers'	Stoves and Furnaces	126	6
Ovens, Coke	Dryers and Kilns	34	48
Ovens for biscuit, (Clay)	Dryers and Kilns	34	6
Ovens for enameling	Dryers and Kilns	34	115
Ovens for pottery	Dryers and Kilns	34	115
Ovens, Portable	Stoves and Furnaces	126	154
Ovens, Reel	Stoves and Furnaces	126	154
Ovens, Rotary	Stoves and Furnaces	126	154
Ovens, Stove	Stoves and Furnaces	126	154
Overshoes	Boots and Shoes	12	16
Oxshoes	Horseshoes	59	60
Oxygen, Processes and apparatus for obtaining	Gas	48	64
Oxhydrogen lights	Lamps and Gas-Fittings	67	90
Ox-yokes, bows, and pins	Carriages and Wagons	21	31
Oyster-cans	Preserving Food	99	58
Oyster-culture	Fishing	43	143

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub- scriptio n classification.
Oyster-dredging	Fishing	43	143
Oyster-openers	Kitchen Utensils	65	88
Oyster-rakes	Fishing	43	143
Oyster-tongs	Fishing	43	143
Ozone, Apparatus for obtaining	Gas	48	64
P.			
Packaging fabrics	Cloth	26	37
Packaging yarns, threads, &c., (except <i>Bundling Presses, Class 100</i>)	Cordage	28	17
Packers for flour, fruit, sugar, salt, &c.	Presses	100	57
Packing-bands	Presses	100	7
Packing for pistons	Steam; 1	121	151
Packing for steam-joints	Steam; 1	121	151
Packing for well-tubes	Water-Distribution	137	167
Packing furniture	Furniture	45	62
Packing glass	Glass	49	68
Packing houses, Meat	Preserving Food	99	58
Packing projectiles	Projectiles	102	105
Pack-saddles	Harness	54	72
Pad-crimps	Harness	54	72
Paddle-box bridges	Ships; 1	114	139
Paddle-wheels	Ships; 2	115	139
Pad-locks	Locks and Latches	70	93
Pads	Harness	54	72
Pads for trusses	Surgery	128	156
Pad-trees	Harness	54	72
Paging-machines	Printing	101	15
Paint-brushes	Brushes and Brooms	15	22
Paint-burners	Stoves and Furnaces	126	154
Paint-cans, Air-tight	Preserving Food	99	107
Painted fabrics	Paint	91	56
Painters' tools, (except <i>Brushes, Class 15</i>) ..	Paint	91	107
Painting, Decorative	Fine Arts	41	54
Painting on glass	Fine Arts	41	54
Painting-machines	Paint	91	107
Paint-mills	Mills	83	107
Paint-mullers	Mills	83	107
Paint-pot hangers	Paint	91	107
Paints	Paint	91	107
Paints, Apparatus for compounding	Paint	91	107
Paints, Apparatus for mixing	Paint	91	107
Palates, Artificial	Artificial Limbs	3	5
Palates, Artificial	Dental	32	5
Palliasses	Beds	5	62
Palm-leaf hats	Felting and Hats	38	76
Palm-leaves, Machines for splitting	Wood-Working; 3	144	165
Panels of wire	Wire-Working	140	170
Panels, Rabbeting door	Wood-Working; 2	143	173
Panniers	Crinoline and Corsets	29	38
Pans for cooking <i>in vacuo</i>	Sugar	127	155
Pans for making vegetable extracts	Sugar	127	155
Pans for manufacturing glue	Oil, Fat, and Glue	87	26
Pans, Kitchen and pantry	Kitchen Utensils	65	136
Pans, Sugar	Sugar	127	155
Pans, Vacuum	Sugar	127	155
Pantalets	Apparel	2	38
Pantaloon-protectors	Apparel	2	38
Pantaloons	Apparel	2	38

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub- scriptive classification.
Pantaloons- straps	Apparel	2	38
Pantaloons- stretchers	Apparel	2	38
Pantographs	Drafting	33	97
Paper	Paper-Making	92	108
Paper apparel	Paper Manufactures	93	109
Paper-bag machines	Paper Manufactures	93	109
Paper bags	Paper Manufactures	93	109
Paper-box machines	Paper Manufactures	93	109
Paper boxes	Paper Manufactures	93	109
Paper, Calendering	Paper-Making	92	108
Paper-clamps	Stationery	120	146
Paper-clasps, Manufacture of	Hardware Manufactures	53 I	146
Paper-clips	Stationery	120	146
Paper collars	Paper Manufactures	93	109
Paper cuffs	Paper Manufactures	93	109
Paper-cutters	Paper Manufactures	93	109
Paper-cutting machines	Paper Manufactures	93	109
Paper-dampers	Printing	101	117
Paper, Drying	Paper-Making	92	108
Paper, Enameling	Paper-Making	92	108
Paper-envelope machines	Paper Manufactures	93	109
Paper-fasteners	Clasps and Buckles	24	146
Paper-feeders	Paper Manufactures	93	117
Paper-files	Stationery	120	146
Paper, Flocking	Paper-Making	92	108
Paper floor-cloth	Paper Manufactures	93	109
Paper-folders	Paper Manufactures	93	146
Paper for roofs, Machines for preparing	Roofing	108	109
Paper-hanging appliances	Fine Arts	41	107
Paper hats	Paper Manufactures	93	76
Paper labels, Manufacture of	Paper Manufactures	93	109
Paper, Lace	Paper Manufactures	93	109
Paper-making machines	Paper-Making	92	108
Paper manufactures	Paper Manufactures	93	108
Paper, Materials for	Paper-Making	92	108
Paper-perforating machines	Paper Manufactures	93	108
Paper, Processes of making	Paper-Making	92	108
Paper-pulp	Paper-Making	92	108
Paper-pulping machines	Paper-Making	92	108
Paper-punches	Clasps and Buckles	24	146
Paper-sizing	Paper-Making	92	108
Paper tags, Manufacture of	Paper Manufactures	93	109
Paper twine	Paper Manufactures	93	109
Paper-twine machines	Cordage	28	109
Paper water-proofing	Paper-Making	92	109
Paper-weights	Stationery	120	146
Papier-maché	Stationery	92	108
Paraffine	Oil, Fat, and Glue	87	26
Parallel rulers	Drafting	33	97
Parasols	Umbrellas and Fans	135	165
Parceling-rope	Cordage	28	127
Parchment	Tanning	129	92
Parquetry	Fine Arts	41	54
Parrels	Ships; 1	114	138
Partitions of buildings, Wooden	Carpentry	20	30
Paste-board	Paper-Making	92	109
Paste, Compositions for	Bleaching and Dyeing,	8	11
Paste-heating pots	Stoves and Furnaces	126	154
Paste-making	Bleaching and Dyeing	8	11
Pastilles	Chemical Miscellaneous	23	98

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub-description classification.
Pasting cops.....	Spinning.....	118	142
Pattern-cards.....	Weaving.....	139	95
Pattern-chains.....	Weaving.....	139	95
Pattern-cylinders.....	Weaving.....	139	95
Pattern-lifters for molders.....	Casting.....	22	33
Patterns for garments.....	Apparel.....	2	38
Pavements, Asphalt.....	Paving.....	94	110
Pavements, Composition.....	Paving.....	94	110
Pavements, Concrete.....	Paving.....	94	110
Pavements, Iron.....	Paving.....	94	110
Pavements, Stone.....	Paving.....	94	110
Pavements, Wooden.....	Paving.....	94	110
Paving-blocks, Machines for making.....	Saws.....	110	174
Paving compositions.....	Paving.....	94	110
Paving.....	Paving.....	94	110
Paving-stone, Preparation of.....	Stone, Lime, and Cement..	125	153
Paving-tiles.....	Clay.....	25	20
Paviors' tools, machines, and processes.....	Paving.....	94	110
Pawls and ratchets.....	Mechanical Powers.....	74	67
Paying seams.....	Ships; 1.....	114	138
Peach-parers.....	Kitchen Utensils.....	65	88
Peach-stoners.....	Kitchen Utensils.....	65	88
Pea-nut cleaners.....	Mills.....	83	58
Pea-nut roasters.....	Stoves and Furnaces.....	126	154
Pea-shellers.....	Kitchen Utensils.....	65	88
Peat-dryers.....	Dryers and Kilns.....	34	48
Peat for fuel, Treatment of.....	Fuel.....	44	61
Peat-machines.....	Fuel.....	44	61
Peat-presses.....	Presses.....	100	7
Pedometers.....	Measuring-Instruments.....	73	42
Peeling almonds.....	Kitchen Utensils.....	65	88
Peg-cutters.....	Boots and Shoes.....	12	16
Pegging-jacks.....	Boots and Shoes.....	12	16
Pegging-machines.....	Boots and Shoes.....	12	16
Pegging soles.....	Boots and Shoes.....	12	16
Pegs, Leather.....	Boots and Shoes.....	12	16
Pegs, Machines for arranging.....	Boots and Shoes.....	12	16
Pegs, Machines for driving.....	Boots and Shoes.....	12	16
Pegs, Machines for making.....	Wood-Working; 3.....	144	175
Pegs, Machines for making shoe.....	Wood-Working; 3.....	144	16
Pegs, Machines for pointing.....	Wood-Working; 3.....	144	175
Pegs, Machines for splitting.....	Wood-Working; 3.....	144	175
Pegs, Machines for turning.....	Wood-Working; 1.....	142	175
Pegs, Shoe.....	Boots and Shoes.....	12	16
Pen-cases.....	Stationery.....	120	146
Pencil-cases.....	Stationery.....	120	146
Pencil-cleaners.....	Stationery.....	120	146
Pencil-mark erasers.....	Stationery.....	120	146
Pencils.....	Stationery.....	120	146
Pencils, Compositions for indelible.....	Stationery.....	120	146
Pencil-sharpeners.....	Stationery.....	120	146
Pencils, Machines for making.....	Wood-Working; 3.....	144	146
Pendulum-powers.....	Mechanical Powers.....	74	36
Pendulums.....	Horology.....	58	36
Pendulums, Electrical.....	Electricity.....	36	36
Pen-holders.....	Stationery.....	120	146
Pen-holders, Manufacture of.....	Hardware Manufactures.....	53 I	146
Pen-makers, Quill.....	Stationery.....	120	146
Penmanship, Appliances for teaching.....	Educational.....	35	146
Pen-racks.....	Stationery.....	120	146

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub- scripted classification.
Pens	Stationery	120	146
Pens, Cattle and hog	Stabling	119	144
Pens, Fountain	Stationery	120	146
Pens, Galvanic	Electricity	36	146
Pens, Manufacture of	Hardware Manufactures	53 1	136
Pens, Rubber	Stationery	120	146
Pens, Ruling	Drafting	33	15
Penstocks	Water-Wheels	138	167
Pen-trays	Stationery	120	146
Pepper-boxes	Kitchen Utensils	65	88
Perambulators	Carriages and Wagons	21	31
Perches, Wagon	Carriages	21	31
Perch-plates, Manufacture of	Hardware Manufactures	53C	31
Percolators for medicinal solutions	Surgery	128	98
Percussion-cap-filling machines	Projectiles	102	55
Percussion-cap holders	Projectiles	102	55
Percussion-cap-lining machines	Projectiles	102	55
Percussion-caps	Projectiles	102	55
Percussion-caps, Manufacture of	Hardware Manufactures	53A	55
Percussion-cartridges	Projectiles	102	32
Percussion-shells	Projectiles	102	105
Perfuming-apparatus	Chemical Miscellaneous	23	86
Permutation-locks	Locks and Latches	70	93
Perspective apparatus	Drafting	33	97
Pessaries	Surgery	128	156
Petroleum, Apparatus for treating	Stills	124	47
Petroleum-burners for stoves	Stoves and Furnaces	126	154
Petroleum-cars	Railways; 2	105	121
Petroleum-stills	Stills	124	47
Pew-fittings	Furniture	45	62
Pewter-ware, Casting processes for	Casting	22	33
Pharmaceutical apparatus	Surgery	128	156
Philosophical toys	Games and Toys	46	143
Phosphates for fertilizers, Treatment of	Manures	71	96
Photogalvanography	Photography	95	111
Photographic albums	Stationery	120	146
Photographic apparatus	Photography	95	111
Photographic cameras	Photography	95	111
Photographic card-mounts	Fine Arts	41	54
Photographic paper	Photography	95	111
Photographic-plate holders	Photography	95	111
Photographic printing	Photography	95	111
Photographic prints, Coloring	Photography	95	111
Photographic processes	Photography	95	111
Photographic toning	Photography	95	111
Photography	Photography	95	111
Photolithography	Photography	95	54
Photometers	Measuring-Instruments	73	157
Photo-sculpture	Photography	95	54
Piano-forte actions	Music	84	112
Piano-forte attachments	Music	84	112
Piano-forte cases	Music	84	112
Piano-forte frames	Music	84	112
Piano-forte keys	Music	84	112
Piano-fortes	Music	84	112
Piano-fortes combined with reed instruments	Music	84	112
Piano-forte sounding-boards	Music	84	112
Piano-fortes, Scales for	Music	84	112
Piano-fortes, Stringing	Music	84	112

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub- scription classification.
Piano-fortes, Swell-attachment to.....	Music	84	112
Piano-fortes, Tuning	Music	84	112
Piano-locks	Locks and Latches	70	93
Piano-movers.....	Furniture	45	62
Piano-stools	Furniture	45	62
Picker-checks	Weaving	139	95
Picker-motions	Weaving	139	95
Pickers	Weaving	139	95
Picker-staves	Weaving	139	95
Pickers, Wool or Cotton, (Factory)	Carding	19	28
Picket-fences	Fences.....	39	52
Picket-pointers	Wood-Working ; 3	144	174
Pickets, Machines for making	Wood-Working ; 3	144	174
Picking fur	Felting and Hats	38	76
Picking rope.....	Cordage	28	127
Picks	Garden and Orchard	47	49
Picks, Millstone.....	Stone, Lime, and Cement	125	57
Picture-cases	Fine Arts	41	54
Picture-frames	Fine Arts	41	54
Picture-hangers.....	Furniture	45	62
Picture-holders, Photographic	Photography	95	111
Picture-knobs	Nails	85	103
Picture-mounting	Fine Arts.....	41	54
Picture-nails	Nails	85	103
Pie-erimpers	Kitchen Utensils	65	88
Pier-glasses	Furniture	45	62
Piers, Bridge and abutment	Bridges	14	21
Piers, Landing	Hydraulic Engineering	61	82
Pie-trimmers	Kitchen Utensils	65	88
Pigeon-holes, Desk	Stationery	120	146
Pigments.....	Paint.....	91	107
Pigments, Manufacture of	Paint.....	91	107
Pikes	Cutlery	30	44
Pile-cutters.....	Hydraulic Engineering	61	82
Pile-drivers.....	Hydraulic Engineering	61	82
Piles	Hydraulic Engineering	61	82
Piles and fagots for rolling	Metal-Working ; 5	80	125
Piles, Instruments for treating.....	Surgery	128	156
Piles, Protection of.....	Hydraulic Engineering	61	82
Piles, Screw	Hydraulic Engineering	61	82
Pile-wire actuating-mechanisms	Weaving	139	96
Pile-wires	Weaving	139	96
Pills, Machines for making	Surgery	128	98
Pillows	Beds	5	62
Pilot-stands	Ships ; 1.....	114	138
Pin-boxes	Apparel.....	2	38
Pinchers	Metal-Working ; 6	81	100
Pinchers, Lasting	Boots and Shoes	12	16
Pinchers, Shoemakers'	Boots and Shoes	12	16
Pin-cushions.....	Apparel.....	2	38
Pinking-machines.....	Apparel.....	2	38
Pinking-punches.....	Clasps and Buckles.....	24	38
Pins, Breast	Jewelry	63	86
Pins, Diaper	Jewelry	63	104
Pins, Dress	Jewelry	63	104
Pins, Machines for cutting clothes	Wood-Working ; 3	144	175
Pins, Machines for making	Needles and Pins	86	104
Pins, Machines for papering	Needles and Pins	86	104
Pins, Machines for slotting clothes.....	Wood-Working ; 3	144	175

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub- scriptive classification.
Pins, Machines for turning bedstead and clothes	Wood-Working; 1	142	175
Pins, Scarf	Jewelry	63	86
Pins, Shawl	Jewelry	63	86
Pipe, Cement	Clay	25	20
Pipe-couplings	Water-Distribution	137	167
Pipe-cutters	Metal-Working; 6	81A	100
Pipe-protectors	Water-Distribution	137	167
Pipes, Chain-locker	Ships; 1	114	138
Pipes, Clay	Clay	25	20
Pipes, Compositions for making	Clay	25	20
Pipes, Draining	Clay	25	20
Pipes, Non-conducting covering for steam	Steam; 2	122	148
Pipes, Tobacco	Tobacco	131	160
Pipes, Water and gas	Water-Distribution	137	167
Pipes, Wooden	Wood-Working; 1	142	173
Pipe-tongs	Metal-Working; 6	81A	100
Pipettes	Measuring-Instruments	73	156
Pipe-wrenches	Metal-Working; 6	81A	100
Pisciculture	Fishing	43	143
Pisé-building, Implements and modes for	Masonry	72	4
Pistols	Fire-Arms	42	55
Pistol-swords	Fire-Arms	42	55
Piston-blowers	Pneumatics	98	12
Piston-packing	Steam; 1	121	151
Piston-rod packing	Steam; 1	121	151
Piston-rods	Steam; 1	121	151
Pistons	Steam; 1	121	151
Piston-valves	Valves	139	152
Pitchforks	Garden and Orchard	47	141
Pitch-heaters	Stoves and Furnaces	126	126
Pitchers, Beer	Kitchen Utensils	65	88
Pitchers, Ice	Kitchen Utensils	65	88
Pitchers, Molasses	Kitchen Utensils	65	88
Pitman connections	Mechanical Powers	74	67
Pitmen	Mechanical Powers	74	67
Pitmen for harvesters	Mechanical Powers	74	74
Pitmen for sewing-machines	Mechanical Powers	74	134
Plaiters for sewing-machines	Sewing-Machines	112	134
Plaiting-machines	Apparel	2	38
Planchets from bars and plates, Cutting	Metal-Working; 4	79	119
Plane-bits	Wood-Working; 4	145	29
Plane-making	Wood-Working; 4	145	29
Planers	Metal-Working; 7	82	100
Planes, Carpenters'	Wood-Working; 4	145	29
Planes, Coopers'	Wood-Working; 4	145	40
Planes, Joiners'	Wood-Working; 4	145	29
Planes, Splint	Wood-Working; 2	143	29
Plane-stocks	Wood-Working; 2	145	29
Plane-stocks, Machines for making	Wood-Working; 3	144	29
Plane-tables	Optics	88	157
Planetariums	Educational	35	157
Planimeters	Measuring-Instruments	73	97
Planing machines, Metal	Metal-Working; 7	82	100
Planing-machines, (wood)	Wood-Working; 2	143	173
Planing stone	Stone, Lime, and Cement	125	153
Planispheres	Educational	35	157
Planing-clamps	Wood-Working; 4	145	29

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub-description classification.
Planking hats.....	Felting and Hats.....	38	76
Planning-instruments.....	Drafting.....	33	97
Plant-boxes.....	Garden and Orchard.....	47	63
Planters, Corn.....	Seeders and Planters.....	111	133
Planters, Cotton-seed.....	Seeders and Planters.....	111	133
Planters, Hand.....	Seeders and Planters.....	111	133
Planters, Seed.....	Seeders and Planters.....	111	133
Planters, Tobacco-seed.....	Seeders and Planters.....	111	133
Plant-frames.....	Garden and Orchard.....	47	63
Planting-tools.....	Garden and Orchard.....	47	63
Plant-labels.....	Stationery.....	120	63
Plastering-machines.....	Masonry.....	72	4
Plastering-tools.....	Masonry.....	72	4
Plaster-mills.....	Ore.....	90	3
Plasters, Adhesive.....	Chemical Miscellaneous.....	23	98
Plasters, Machines for spreading.....	Surgery.....	128	98
Plate-engraving.....	Fine Arts.....	41	54
Plate-glass.....	Glass.....	49	68
Platening glass.....	Glass.....	49	68
Plates.....	Kitchen Utensils.....	65	88
Plates, Bending metallic.....	Metal-Working; 1.....	76	125
Plates, Corrugating metallic.....	Metal-Working; 1.....	76	125
Plates for artificial teeth.....	Dental.....	32	46
Plates, Straightening metallic.....	Metal-Working; 1.....	76	125
Platform-bridges for railway-cars.....	Railways; 3.....	106	121
Platform-cars.....	Railways; 2.....	105	121
Platforms for railway-cars.....	Railways; 3.....	106	121
Platforms, Railway.....	Railways; 1.....	104	120
Platinizing.....	Plating.....	96	113
Playing-cards.....	Games and Toys.....	46	143
Pliers.....	Wire-Working.....	140	170
Pliers, Wire-cutting.....	Wire-Working.....	140	170
Plotting-instruments.....	Drafting.....	33	97
Plow-beams.....	Plows.....	97	114
Plow-cleaners.....	Plows.....	97	114
Plow-clevises.....	Plows.....	97	114
Plow-colters.....	Plows.....	97	114
Plow-handles, Machines for bending.....	Wood-Working; 3.....	144	176
Plow-handles, Machines for dressing.....	Wood-Working; 2.....	143	173
Plow-handles, Machines for turning.....	Wood-Working; 1.....	142	172
Plow-holders.....	Plows.....	97	114
Plow-irons.....	Plows.....	97	114
Plow-landsides.....	Plows.....	97	114
Plow mold-boards.....	Plows.....	97	114
Plow-points.....	Plows.....	97	114
Plow-regulators.....	Plows.....	97	114
Plows, Book-binders'.....	Book-Binding.....	11	15
Plows, Ditching.....	Plows.....	97	114
Plows, Double mold-board.....	Plows.....	97	114
Plows, Double-shovel.....	Plows.....	97	114
Plows, Draining.....	Plows.....	97	114
Plows, Drain-tile.....	Plows.....	97	114
Plows, Expanding.....	Plows.....	97	114
Plows, Gang.....	Plows.....	97	114
Plows, Garden.....	Plows.....	97	114
Plows, Hand.....	Plows.....	97	114
Plowshares.....	Plows.....	97	114
Plows, Hill-side.....	Plows.....	97	114
Plows, Marking.....	Plows.....	97	114
Plows, Mole.....	Plows.....	97	114

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub-description classification.
Plow-soles	Plows	97	114
Plows, Paring	Plows	97	114
Plows, Prairie	Plows	97	114
Plows, Rotary	Plows	97	114
Plows, Seeding	Plows	97	114
Plows, Single-shovel	Plows	97	114
Plows, Snow	Railways; 3	106	122
Plow-standards	Plows	97	114
Plows, Steam	Plows	97	114
Plows, Subsoil	Plows	97	114
Plows, Sulky	Plows	97	114
Plows, Tile-laying	Plows	97	114
Plows, Wheel	Plows	97	114
Plow-wheel colters	Plows	97	114
Pluggers	Dental	32	46
Plugs, Machines for cutting wooden	Wood-Working; 1	142	174
Plugs, Machines for turning	Wood-Working; 1	142	172
Plumbers' hooks, manufacture of	Hardware Manufactures	53J	136
Plumbers' tools	Metal-Working; 6	81A	136
Plumbs	Measuring-Instruments	73	157
Pneumatic car-brakes	Steam; 1	121	122
Pneumatic dispatch-tubes	Railways; 1	104	120
Pneumatic hammers	Metal-Working; 3	78	60
Pneumatic railways	Railways; 1	104	120
Pocket-book fastenings	Stationery	120	146
Pocket-books	Stationery	120	146
Pockets	Apparel	2	38
Pockets, Safety	Apparel	2	38
Pointing rails, pickets, matches, &c	Wood-Working; 3	144	174
Pointing wire	Wire-Working	140	170
Pokers, Fire	Stoves and Furnaces	126	154
Pokes for animals	Harness	54	144
Polariscopes	Optics	88	157
Polarizing-apparatus	Optics	88	157
Poles, Wagon	Carriages and Wagons	21	31
Police batons	Games and Toys	46	143
Polishing-compounds	Grinding and Polishing	51	70
Polishing glass	Grinding and Polishing	51	68
Polishing-machines	Grinding and Polishing	51	70
Polishing-machines, (wood)	Wood-Working; 2	143	173
Polishing marble	Grinding and Polishing	51	153
Polishing-materials	Grinding and Polishing	51	70
Polishing metals	Grinding and Polishing	51	70
Polishing slate	Grinding and Polishing	51	153
Polishing stone	Grinding and Polishing	51	153
Polishing yarns, threads, &c	Cordage	28	17
Pomatum-cases	Toilet	132	161
Pontils	Glass	49	68
Ponton-bridges	Boats	9	13
Pontons	Boats	9	13
Porcelain materials and manufacture	Clay	25	115
Porcelain, Printing	Printing	101	54
Portable engines	Steam; 3	123	94
Portable forges	Metal-Working; 3	78	60
Portable houses	Carpentry	20	30
Portable houses, (metallic)	Masonry	72	4
Portable presses	Presses	100	7
Portable railways	Railways; 1	104	120
Portable safes	Safes	109	128
Porte-caustic	Surgery	128	156

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub- scriptive classification.
Porte-crayons	Stationery	120	146
Portemonnaies	Stationery	120	146
Portfolios	Stationery	120	146
Portfolios, Making	Book-Binding	11	146
Portfolio-stands	Furniture	45	62
Port-hole closers	Ships; 1	114	137
Port-holes, Submarine	Ships; 1	114	137
Portmanteaus	Trunks	133	162
Postage-stamp holders	Stationery	120	146
Postage-stamps	Fine Arts	41	54
Postal cards	Stationery	120	146
Post-borers	Wood-Working; 3	144	52
Post-drivers	Fences	39	52
Post-hole borers	Excavators	37	52
Posting bills and placards	Fine Arts	41	54
Post-office boxes	Stationery	120	146
Post-office letter-stamping apparatus	Printing	101	146
Post-drivers	Hydraulic Engineering	61	52
Post-pullers	Fences	39	52
Potato-digging machines	Plows	97	114
Potato-forks	Garden and Orchard	47	141
Potato-hooks	Garden and Orchard	47	141
Potato-mashers	Kitchen Utensils	65	88
Potato-peelers	Kitchen Utensils	65	88
Potato-planters	Garden and Orchard	47	133
Potato-scoops	Garden and Orchard	47	133
Pot-covers	Stoves and Furnaces	126	154
Pots, Glass	Glass	49	68
Pottery materials and manufacture	Clay	25	115
Pouches, Tobacco	Tobacco	131	160
Poudrette, Treatment of	Manures	71	96
Poultices, Compositions for	Chemical Miscellaneous	23	98
Poultry-coops	Stabling	119	116
Poultry-feeder and houses	Stabling	119	116
Poultry-houses	Stabling	119	116
Poultry-nests	Stabling	119	116
Pouncing hats	Felting and Hats	38	76
Powder-blowers	Garden and Orchard	47	63
Powder boxes, Cosmetic	Toilet	132	161
Powder-cans, Air-tight	Preserving Food	99	58
Powder-flask chargers	Projectiles	102	55
Powder-flasks	Projectiles	102	55
Powder-injectors	Surgery	128	156
Powder-kegs	Gunpowder	52	58
Powder-mills	Mills	83	71
Powder-mixers	Kitchen Utensils	65	88
Powders, Appliances for putting up	Surgery	128	98
Power-hammers	Metal-Working; 3	78	60
Power-looms	Weaving	139	95
Precious stones, Setting	Jewelry	63	86
Preserving-cans	Preserving Food	99	58
Preserving-cars	Preserving Food	99	121
Preserving fermented liquors	Beer and Wine	7	19
Preserving food	Preserving Food	99	58
Preserving-houses	Preserving Food	99	58
Preserving-processes for food	Preserving Food	99	58
Preserving timber	Chemical Miscellaneous	23	35
Press and strainer combined	Presses	100	7
Presser-feet for sewing-machines	Sewing-Machines	112	134
Presser-flyers	Spinning	118	142

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub- scription classification.
Presses, Brick	Clay	25	20
Presses, Canceling	Printing	101	146
Presses, Copper-plate	Printing	101	117
Presses, Copying	Printing	101	146
Presses, Embossing	Fine Arts	41	54
Presses for obtaining relief-printing surfaces	Fine Arts	41	54
Presses for oils, stearine, fats, &c	Presses	100	26
Presses, Hand-printing	Printing	101	117
Presses, Hydraulic	Pumps	103	118
Presses, Lithographic	Printing	101	117
Presses, Printing	Printing	101	117
Presses, Seal	Printing	101	146
Pressing garments	Apparel	2	38
Pressing glass	Glass	49	68
Pressing machines, Leather	Leather	69	92
Pressing metals, scrap, &c	Metal-Working; 3	78	60
Pressing silk	Silk	117	140
Pressure-indicators, Registering de- vices of steam	Measuring-Instruments	73	148
Primers	Projectiles	102	105
Primers, Friction	Projectiles	102	105
Priming for paint	Paint	91	107
Printers' blankets	Printing	101	117
Printers' blankets, Washing	Printing	101	117
Printers' boxes	Printing	101	117
Printers' cases	Printing	101	117
Printers' furniture	Printing	101	117
Printers' lapping	Printing	101	117
Printers' quoins	Printing	101	117
Printers' rollers	Printing	101	117
Printers' rules	Printing	101	117
Printers' rules, Cutting and mitering	Sheet-Metal	113A	117
Printing cloth	Printing	101	11
Printing fabrics	Printing	101	11
Printing floor-cloth	Printing	101	56
Printing-frames, Photographic	Photography	95	111
Printing oil-cloth	Printing	101	56
Printing-presses	Printing	101	117
Printing-processes	Printing	101	117
Printing surfaces	Printing	101	117
Printing surfaces, Presses for obtain- ing relief	Printing	101	54
Printing wall-paper	Printing	101	109
Printing-wheels	Printing	101	117
Prisms	Optics	88	157
Privies	Masonry	72	51
Privies, Cleaning	Manures	71	96
Probangs	Surgery	128	156
Probes	Surgery	128	156
Profiling apparatus	Optics	88	157
Projectiles, Casting	Casting	22	105
Projectiles, Compositions for coating and packing	Projectiles	102	105
Projectiles for fire-arms	Projectiles	102	32
Projectiles for ordnance	Projectiles	102	105
Prolapsus, Instruments for treating	Surgery	128	156
Propagating-boxes	Garden and Orchard	47	63
Propagating by cuttings	Garden and Orchard	47	63
Propellers	Ships; 2	115	139

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub- scription classification.
Propellers, Screw	Ships; 2	115	139
Propelling in shoal water	Ships; 2	115	139
Propulsion of vessels	Ships; 2	115	139
Protecting bulwarks	Ships; 1	114	137
Protecting tiller-ropes	Ships; 1	114	137
Protectors, Plant and shrub	Garden and Orchard	47	63
Protectors, Tree	Garden and Orchard	47	63
Protractors	Drafting	33	97
Provision cans, jars, &c., Air-tight	Preserving Food	99	58
Provision-cars	Preserving Food	99	58
Provision-safes	Kitchen Utensils	65	58
Pruning-knives	Cutlery	30	63
Pruning-saws	Saws	110	63
Pruning-shears	Cutlery	30	63
Puddlers' balls, Rolling and squeezing	Metal-Working; 5	80	85
Puddling	Metallurgy	75	85
Puddling-furnaces	Metallurgy	75	85
Puddling-processes	Metallurgy	75	85
Puffing-irons	Toilet	132	161
Puffs	Toilet	132	161
Pug-mills	Clay	25	20
Pulley-blocks	Hoisting	57	79
Pulleys, Belt	Journals and Bearings	64	67
Pulleys, Calisthenic	Games and Toys	46	143
Pulleys, Fast and loose	Journals and Bearings	64	67
Pulleys, Sash	Builders' Hardware	16	24
Pulls, (bell,) Manufacture of	Hardware Manufactures	53B	24
Pulmometers	Mechanical Powers	73	67
Pulping-machines	Paper-Making	92	108
Pulp, Reducing materials to	Paper-Making	92	108
Pump-brakes	Pumps	103	118
Pump-motions	Pumps	103	118
Pump-piston rods	Pumps	103	118
Pump-pistons	Pumps	103	118
Pumps	Pumps	103	118
Pumps, Air	Pumps	98	12
Pumps, Cattle	Pumps	103	118
Pumps, Centrifugal	Pumps	103	118
Pumps, Chain	Pumps	103	118
Pumps, Circular brake	Pumps	103	118
Pumps, Double-acting	Pumps	103	118
Pumps, Feed	Pumps	103	118
Pumps, Force	Pumps	103	118
Pumps, Hydraulic-press	Pumps	103	118
Pumps, Lift	Pumps	103	118
Pumps, Oil	Pumps	103	118
Pumps, Oscillating	Pumps	103	118
Pumps, Packing for	Pumps	103	151
Pumps, Rotary	Pumps	103	118
Pumps, Ships'	Pumps	103	118
Pumps, (steam,) Engines of	Steam; 1	121	118
Pumps, Stomach	Surgery	128	156
Pumps, Submerged	Pumps	103	118
Pumps, Water	Pumps	103	118
Pumps, Wind-propelled	Pumps	103	118
Pump-valves	Valves	136	118
Punches, Leather, paper, and ticket	Clasps and Buckles	24	72
Punching-machines for bar or plate	Metal-Working; 4	79	119
Punching machines, Leather	Leather	69	72
Punching sheet-metal	Sheet-Metal	113A	136

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub-description classification.
Puppet-valves	Valves	136	152
Purifiers, Gas	Gas	48	66
Puttying-machines for sash	Glass	49	68
Puttying-machines for vessel-seams	Ships; 1	114	137
Puzzles	Games and Toys	46	143
Pyrometers	Measuring-Instruments	73	101
Pyrotechnic compounds	Gunpowder	52	71
Pyrotechnics	Gunpowder	52	71
Pyroxyline	Chemical Miscellaneous	23	71
Q.			
Quadrants	Optics	88	157
Quarrying	Stone, Lime, and Cement	153	124
Quarrying-machines	Stone, Lime, and Cement	153	124
Quartz-mills	Ore	90	3
Quays	Hydraulic Engineering	61	82
Quilling yarn	Cordage	28	17
Quill-pen makers	Stationery	120	146
Quills, Yarn and silk	Cordage	28	17
Quill thread fastener	Cordage	28	17
Quilting-frames	Apparel	2	38
Quoins for ordnance	Ordnance	89	105
Quoins, Printers'	Printing	101	117
R.			
Rabbeting-machines	Wood-Working; 2	143	173
Racking wines, &c	Beer and Wine	7	19
Racks, Boot, hat, and brush	Furniture	45	62
Racks, Hay-feeding	Stabling	119	144
Racks, Hay-wagon	Carriages and Wagons	21	31
Racks, Sheep	Stabling	119	135
Radiators	Stoves and Furnaces	126	154
Rafter-hooks	Hoisting	57	79
Rafting-dogs	Boats	9	13
Rafting logs	Boats	9	13
Rafts	Boats	9	13
Rag carpet, Cutting cloth for	Cloth	26	95
Rag-engines	Paper-Making	92	108
Rail-jacks	Hoisting	57	79
Railroad earth-works	Excavators	37	51
Railroad excavating	Excavators	37	51
Railroad-rail pieces, Piling	Metal-Working; 5	80	125
Railroad-rails, Capping	Metal-Working; 5	80	125
Railroad-rails, Repairing	Metal-Working; 5	80	125
Railroad-rails, Re-rolling	Metal-Working; 5	80	125
Railroad-rails, Rolling	Metal-Working; 5	80	125
Railroad-signals	Signals	116	120
Railroad-spikes	Nails	85	120
Rails, Bending or straightening	Metal-Working; 1	76	125
Rails, Railway	Railways; 1	104	120
Railway bumping-posts	Railways; 1	104	120
Railway-car heaters	Stoves and Furnaces	126	154
Railway-car irons, Making	Railways; 4	107	121
Railway-car spittoons	Furniture	45	121
Railway cars, Refrigerating	Ice	62	121
Railway cattle-guards	Railways; 1	104	120
Railway-chairs	Railways; 1	104	120
Railway-chairs, Making	Railways; 4	107	120

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—amb-scription classification.
Railway-crossings	Railways; 1	104	120
Railway-crossing, Making	Railways; 4	107	120
Railway fish-bars	Railways; 1	104	120
Railway-frogs	Railways; 1	104	120
Railway-frogs, Making	Railways; 4	107	120
Railway-gates	Railways; 1	104	120
Railway-joints	Railways; 1	104	120
Railway metallic mountings, Making ..	Railways; 4	107	121
Railway-rails, Making	Railways; 4	107	120
Railway-rails	Railways; 1	104	120
Railways	Railways; 1	104	120
Railway safety-guards	Railways; 1	104	120
Railways, Elevated	Railways; 1	104	120
Railway-signals, Electrical	Electricity	36	120
Railway-sleepers	Railways; 1	104	120
Railways, Marine	Hydraulic Engineering	61	82
Railways, Pneumatic	Railways; 1	104	120
Railway-splice pieces	Railways; 1	104	120
Railway-splice pieces, Making	Railways; 4	107	120
Railways, Portable	Railways; 1	104	120
Railways, Street	Railways; 1	104	120
Railways, Track-laying	Railways; 1	104	120
Railway-switches	Railways; 1	104	120
Railway-switches, Electrical	Electricity	36	120
Railway-telegraphs, Electrical	Electricity	36	120
Railway-ticket holders	Stationery	120	121
Railway-ties	Railways; 1	104	120
Railway-ties, Machines for dressing	Wood-Working; 2	143	173
Railway-track layers	Railways; 1	104	120
Railway-track platforms	Railways; 1	104	120
Railway turn-outs	Railways; 1	104	120
Railway turn-tables	Railways; 1	104	120
Railway-wheels, Making	Railways; 4	107	122
Rain-water cut-offs	Water-Distribution	137	126
Raising sunken vessels	Ships; 1	114	82
Raisin-seeders	Kitchen Utensils	65	88
Rakes for harvesters	Harvesters	56	74
Rakes, Garden	Garden and Orchard	47	141
Rakes, Hand hay	Garden and Orchard	47	141
Rakes, Horse hay	Harvesters	56	74
Rakes, Oyster	Fishing	43	143
Rake-teeth, Machines for making	Wood-Working; 1	142	175
Rammers for ordnance	Ordnance	89	105
Rammers for small-arms	Fire-Arms	42	55
Rammers, Paviers'	Paving	94	110
Ramrods	Fire-Arms	42	55
Rams, Naval	Ships; 1	114	137
Rams, Water	Pumps	103	118
Rand-machines	Boots and Shoes	12	16
Rands	Boots and Shoes	12	16
Ranges	Stoves and Furnaces	126	154
Rasps	Files	40	53
Rasps, Machines for making	Files	40	53
Rasps, Wood	Wood-Working; 4	145	53
Ratchet-drills	Metal-Working; 2	77	100
Ratchet-wrenches	Metal-Working; 6	81A	100
Ration-packages for animals	Stabling	119	59
Rats	Toilet	132	161
Rattan, Machines for cutting	Wood-Working; 3	144	169
Rattan, Machines for dressing	Wood-Working; 3	144	169

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub- scription classification.
Rattan, Machines for polishing	Wood-Working; 3	144	169
Rattan, Machines for reducing	Wood-Working; 3	144	169
Rattan, Machines for slitting	Wood-Working; 3	144	169
Rattan, Machines for splitting	Wood-Working; 3	144	169
Rattan, Machines for stripping	Wood-Working; 3	144	169
Razors	Cutlery	30	44
Razor-strops	Grinding and Polishing	51	70
Razor-strops, Compositions for	Grinding and Polishing	51	70
Reading-cards	Games and Toys	46	143
Reading-desks	Furniture	45	62
Reamers for metal	Metal-Working; 2	77	100
Reaming-bits, (Wood)	Wood-Working; 4	145	29
Reaper-knife sharpeners	Grinding and Polishing	51	70
Reaping-hooks	Harvesters	55	74
Reaping-machines	Harvesters	56	74
Rebaling-presses	Presses	100	7
Reciprocating steam-engines	Steam; 1	121	150
Reckoning-instruments	Measuring-Instruments	73	42
Record-books	Stationery	120	146
Recording-instruments	Measuring-Instruments	73	42
Rectification of spirits	Stills	124	47
Rectifying liquors	Stills	124	47
Reducing furnaces, Metal	Metallurgy	75	99
Reducing processes, Metal	Metallurgy	75	99
Reed instruments	Music	84	106
Reed-setter	Weaving	139	95
Reeds for looms	Weaving	139	95
Reeds for looms, Machines for making	Weaving	139	95
Reefing-apparatus	Ships; 1	114	138
Reefing sails	Ships; 1	114	138
Reeling silk	Silk	117	140
Reels, Fishing-line	Fishing	43	143
Reels for clothes-lines	Laundry	68	91
Reels for harvesters	Harvesters	56	74
Reels for spinning-machines	Spinning	118	142
Reels for winding yarns and thread	Cordage	28	17
Reels, Telegraph	Electricity	36	50
Refining-furnaces	Metallurgy	75	99
Refining liquors	Stills	124	47
Refining oils	Stills	124	47
Reflecting-circles	Optics	88	157
Reflectors for lamps	Lamps and Gas-Fittings	67	90
Reflectors for windows	Lamps and Gas-Fittings	67	90
Refrigerating-cars	Ice	62	58
Refrigerating-cellar	Ice	62	58
Refrigerating processes	Ice	62	58
Refrigerators	Ice	62	58
Register-books	Stationery	120	146
Register books, Hotel	Stationery	120	146
Registering-devices for meters	Measuring-Instruments	73	66
Registering-devices of air, steam, and water gages	Measuring-Instruments	73	167
Registering devices of fluid-meters	Measuring-Instruments	73	167
Register-locks	Locks and Latches	70	93
Register-points for printing-presses	Printing	101	117
Registers	Measuring-Instruments	73	42
Registers, Billiard	Measuring-Instruments	73	143
Registers, Counting	Measuring-Instruments	73	42
Registers, Grain	Measuring-Instruments	73	132
Registers, Hot-air	Stoves and Furnaces	126	154

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub-description classification.
Registers, Measuring.....	Measuring-Instruments.....	73	132
Registers, Passenger.....	Measuring-Instruments.....	73	42
Registers, Printing-press.....	Measuring-Instruments.....	73	117
Registers, Steam-engine.....	Measuring-Instruments.....	73	150
Registers, Street-car.....	Measuring-Instruments.....	73	42
Registers, Telegraph.....	Electricity.....	36	50
Registers, Time.....	Horology.....	58	36
Registers, Weighing.....	Measuring-Instruments.....	73	132
Regulators, Draft.....	Stoves and Furnaces.....	126	154
Regulators, Exhaust.....	Steam; 3.....	123	150
Regulators for millstones.....	Mills.....	83	57
Regulators, Heat.....	Stoves and Furnaces.....	126	154
Regulators, Steam.....	Steam; 2.....	122	148
Rein-holders.....	Carriages and Wagons.....	21	31
Rein-pulls.....	Harness.....	54	72
Reins, Safety.....	Harness.....	54	72
Reins, Slides for.....	Harness.....	54	72
Relays.....	Electricity.....	36	50
Relief valves.....	Valves.....	136	152
Rendering lard and tallow.....	Oil, Fat, and Glue.....	87	26
Rendering-tanks.....	Stoves and Furnaces.....	126	154
Repeaters.....	Electricity.....	36	50
Repeating fire-arms.....	Fire-Arms.....	42	55
Reservoirs, Canal.....	Hydraulic Engineering.....	61	82
Resistance-boxes.....	Electricity.....	36	50
Resistance-coils.....	Electricity.....	36	50
Resist printing.....	Bleaching and Dyeing.....	8	11
Respirators.....	Surgery.....	128	156
Respiring-apparatus.....	Surgery.....	128	156
Rests for metal-lathes.....	Metal-Working; 7.....	82	100
Rests for wood-lathes.....	Wood-Working; 1.....	142	172
Retorts, (<i>except Coal, Class 48</i>).....	Chemical Miscellaneous.....	23	35
Retorts for gas-making.....	Gas.....	48	66
Retorts for glass.....	Glass.....	49	68
Retort-stands.....	Chemical Miscellaneous.....	23	35
Revenue guards.....	Stills.....	124	47
Revenue-stamp cancelers.....	Printing.....	101	146
Revenue-stamps.....	Fine Arts.....	41	146
Reversing-gear for steam-engines.....	Steam; 1.....	121	67
Reversing motion, Apparatus for.....	Mechanical Powers.....	74	67
Revolving-breech cannon.....	Ordnance.....	89	105
Revolving cars.....	Railways; 2.....	105	121
Revolving fire-arms.....	Fire-Arms.....	42	123
Rheometers.....	Electricity.....	36	50
Rheotomes.....	Electricity.....	36	50
Rheostats.....	Electricity.....	36	50
Rheotropes.....	Electricity.....	36	50
Ribbons for hand-stamps, Preparing.....	Stationery.....	120	117
Ribs, Iron.....	Ships; 1.....	114	137
Rice-cleaning machines.....	Mills.....	83	57
Rice-hullers.....	Mills.....	83	57
Rice-polishers.....	Mills.....	83	57
Riding-bitts.....	Ships; 1.....	114	138
Rifled ordnance.....	Ordnance.....	89	105
Rifles.....	Fire-Arms.....	42	55
Rifles for whetting.....	Grinding and Polishing.....	51	70
Rifling-machines.....	Metal-Working; 7.....	82	100
Rifling small-arms.....	Fire-Arms.....	42	55
Rigging.....	Ships; 1.....	114	138
Rigging-clasps.....	Ships; 1.....	114	138

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub-description classification.
Rigging, Running	Ships; 1	114	138
Rigging, Setting up	Ships; 1	114	138
Rigging, Standing	Ships; 1	114	138
Rigging-stoppers	Ships; 1	114	138
Rings	Clasps and Buckles	24	23
Rings for spinning	Spinning	118	142
Rings, Machines for cutting wooden	Wood-Working; 1	142	175
Rings, Tools for cutting leather	Leather	69	72
Ring-travelers	Spinning	118	142
Ring-travelers, Manufacture of	Hardware Manufactures	53H	142
Rinks	Carpentry	20	30
Ripping-tool	Apparel	2	38
Ripples for flax, broom-corn, &c.	Brakes and Gins	13	78
River-bars, Removing	Hydraulic Engineering	61	82
Rivers, Improving channels of	Hydraulic Engineering	61	82
Rivers, Protection against inundations of	Hydraulic Engineering	61	82
Riveting	Metal-Working; 3	78	100
Riveting-machines	Metal-Working; 3	78	100
Rivet-making	Bolts, Nuts, and Rivets	10	14
Rivets	Bolts, Nuts, and Rivets	10	14
Rivets, (harness,) Manufacture of	Hardware Manufacture	53F	14
Riving splints, Tools for	Wood-Working; 2	143	174
Road-making	Excavators	37	51
Road-paving	Paving	94	110
Road-rollers	Paving	94	110
Road-scrapers	Excavators	37	51
Roasters	Stoves and Furnaces	126	154
Roasting ores	Metallurgy	75	99
Rock-blasting	Projectiles	102	124
Rock-drills	Stone, Lime, and Cement	125	124
Rock-drills, Air-engines for	Pneumatics	98	2
Rock-drills, Steam-engines for	Steam; 1	121	150
Rocket-harpoons	Projectiles	102	143
Rockets	Gunpowder	52	71
Rockets, War	Projectiles	102	71
Rocking-horses	Games and Toys	46	143
Rod-cutters	Metal-Working; 6	81A	100
Rods, Bending or straightening	Metal-Working; 1	76	119
Rods for gathering glass	Glass	49	68
Roll-blotters	Stationery	120	146
Roller and harrow, Combined	Harrows	55	73
Roller-heaters	Stoves and Furnaces	126	154
Rollers, Barn-door	Builders' Hardware	16	24
Rollers, Covering	Spinning	118	142
Rollers, Flanged	Harrows	55	73
Rollers for delivering silk	Silk	117	140
Roller-sheaves for doors	Builders' Hardware	16	24
Rollers, Land	Harrows	55	73
Rollers, Printers'	Printing	101	117
Rollers, Sash	Builders' Hardware	16	24
Rollers, Sliding-door	Builders' Hardware	16	24
Rolling glass	Glass	49	68
Rolling machines, Leather	Leather	69	92
Rolling metals	Metal-Working; 5	80	100
Rolling pins	Kitchen Utensils	65	88
Rolling wire	Tubing and Wire	134	163
Roofing-compositions	Roofing	108	126
Roofing-paper	Paper-Making	92	126
Roofing-processes	Roofing	108	126

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub- scription classification.
Roofing-tiles	Roofing	108	20
Roofing-tiles, Manufacture of	Clay	25	20
Roofs, Compositions and means for pre- serving	Roofing	108	126
Roof-seaming machines	Sheet-Metal	113A	126
Roofs, (<i>except Trusses, Class 14</i>)	Roofing	108	126
Roofs	Roofing	108	126
Roosts for fowls	Stabling	119	116
Root-cutters	Stabling	119	59
Root-diggers	Plows	97	114
Root-peelers	Kitchen Utensils	65	88
Root-washers	Stabling	119	59
Rope-clutches	Mechanical Powers	74	138
Rope coiling	Cordage	28	127
Rope-making machines	Cordage	28	127
Rope-ways	Railways; 1	104	120
Rope, Wire	Wire-Working	140	170
Roping bales	Presses	100	7
Rose-engines	Metal-Working; 7	82	100
Rose-heads	Water-Distribution	137	167
Roses for door-knobs	Locks and Latches	70	93
Rosettes for horses	Harness	54	23
Rossing bark	Wood-Working; 3	144	130
Rossing dye-stuffs	Wood-Working; 3	144	176
Rossing-machines	Wood-Working; 3	144	130
Rotary blowers	Pneumatics	98	12
Rotary brushes	Brushes and Brooms	15	22
Rotary harrows	Harrows	55	73
Rotary spaders	Plows	97	114
Rotary steam-engines	Steam; 1	121	150
Rotary valves	Valves	136	152
Rotting flax and hemp	Brakes and Gins	13	78
Roughening glass	Grinding and Polishing	51	68
Roughening pavements	Paving	94	110
Roulettes	Drafting	33	97
Rounding machines, Rein	Harness	54	72
Roving-frames	Spinning	118	142
Row-locks	Boats	9	13
Rubber boots	Boots and Shoes	12	16
Rubber erasers	Stationery	120	146
Rubber, Hard	Caoutchouc	18	84
Rubber hose	Hose and Belting	60	81
Rubber, India	Caoutchouc	18	84
Rubber rolls for wringers	Laundry	68	91
Rubber shoes	Boots and Shoes	12	16
Rubber soles	Boots and Shoes	12	16
Rubber type	Printing	101	117
Rubber, Vulcanizing	Caoutchouc	18	84
Rubber, White	Caoutchouc	18	84
Rubbing-apparatus for medical treat- ment	Surgery	128	156
Rudders	Ships; 1	114	137
Rudders, Attachments for	Ships; 1	114	137
Rudders, Hanging	Ships; 1	114	137
Rudders, Protecting	Ships; 1	114	137
Rufflers for sewing-machines	Sewing-Machines	112	134
Ruffles	Apparel	2	38
Ruffles, Machines for making	Apparel	2	38
Rule-cutters for printers	Sheet-Metal	113A	117
Rulers, Desk	Stationery	120	146

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub-description classification.
Rulers, Parallel	Drafting	33	97
Rules, Measuring	Measuring-Instruments	73	97
Rules, Printing	Printing	101	117
Ruling-apparatus, Electrical	Electricity	36	50
Ruling-machines	Book-Binding	11	15
Ruling-machines, Pens for	Book-Binding	11	15
Ruling-pens	Drafting	33	97
Running-gear of vehicles	Carriages	21	31
"Russian" sheet-iron, Imitations of	Metal-Working; 5	80	136
S.			
Saber-bayonets	Fire-Arms	42	55
Sabers, Manufacture of	Hardware Manufactures	53A	44
Sabots for projectiles	Projectiles	102	105
Saccharometers	Measuring-Instruments	73	155
Sack-fasteners	Mills	83	57
Saddle-bags	Trunks	133	162
Saddle-blankets	Harness	54	72
Saddle-cloths	Harness	54	72
Saddle-girths	Harness	54	72
Saddle-pad machines	Harness	54	72
Saddles	Harness	54	72
Saddles, Cart	Harness	54	72
Saddles for suspension-bridges	Bridges	14	21
Saddles, Harness	Harness	54	72
Saddles, Pack	Harness	54	72
Saddles, Pad	Harness	54	72
Saddles, Riding	Harness	54	72
Saddles, Side	Harness	54	72
Saddle-trees, Manufacture of	Hardware Manufacture	53F	72
Saddle-trees	Harness	54	72
Saddle trees, Side	Harness	54	72
Sad-iron heaters	Stoves and Furnaces	126	91
Sad-iron holders	Laundry	68	91
Sad-irons	Laundry	68	91
Safe-locks	Locks and Latches	70	93
Safes	Safes	109	128
Safes, Lining for	Safes	109	128
Safes, Match	Lamps and Gas-Fittings	67	90
Safes, Meat	Kitchen Utensils	65	58
Safes, Wire-work for kitchen	Wire-Working	140	88
Safety-cars	Railways; 2	105	121
Safety-fuses	Projectiles	102	105
Safety-guards for car-platforms	Railways; 3	106	121
Safety-guards for gun-hammers	Fire-Arms	42	55
Safety-guards for hatchways	Carpentry	20	29
Safety-guards for railway-tracks	Railways; 1	104	120
Safety-guards for watches and pocket-books	Apparel	2	38
Safety-guards for windows	Carpentry	20	29
Safety-guards in paper	Paper-Making	92	108
Safety-guards on cars	Railways; 3	106	121
Safety-guards to locks	Locks and Latches	70	93
Safety-plugs for steam-boilers	Steam; 2	122	148
Safety-straps of vehicles	Carriages and Wagons	21	31
Safety-tubes for steam-boilers	Steam; 2	122	148
Safety-valves	Valves	136	152
Sail-clutches	Ships; 1	114	138
Sail-hoops	Ships; 1	114	138

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub-description classification.
Sailing-carriages.....	Carriages and Wagons.....	21	31
Sails.....	Ships; 1.....	114	138
Sails, Furling.....	Ships; 1.....	114	138
Sails, Making.....	Ships; 1.....	114	138
Sails, Reefing.....	Ships; 1.....	114	138
Salinometers.....	Measuring-Instruments.....	73	129
Saliva-removers.....	Dental.....	32	46
Salt-furnaces.....	Sugar.....	127	129
Salt-packers.....	Presses.....	100	129
Salves.....	Chemical Miscellaneous.....	23	98
Sample-frames.....	Furniture.....	45	62
Sampling-tubes.....	Water-Distribution.....	137	47
Sandals.....	Boots and Shoes.....	12	16
Sand-blowers.....	Pneumatics.....	98	12
Sand-cleaning machines.....	Stone, Lime, and Cement.....	125	153
Sand-paper.....	Grinding and Polishing.....	51	70
Sand-paper holders.....	Wood-Working; 2.....	143	172
Sand-papering machines.....	Wood-Working; 2.....	143	70
Sand-papering machines.....	Wood-Working; 3.....	144	70
Sand-pumps.....	Excavators.....	37	51
Sand-screens.....	Wire-Working.....	140	153
Sand-washer.....	Ore.....	90	153
Sap-bucket hooks.....	Garden and Orchard.....	47	63
Sap-conductors.....	Garden and Orchard.....	47	63
Sap-spiles.....	Garden and Orchard.....	47	63
Sap-troughs.....	Garden and Orchard.....	47	63
Sarcophagi, Clay.....	Clay.....	25	153
Sash.....	Carpentry.....	20	30
Sash-bolts.....	Builders' Hardware.....	16	24
Sash-centers.....	Builders' Hardware.....	16	24
Sashes, Fasteners for meeting rails of.....	Builders' Hardware.....	16	24
Sash-fasteners.....	Builders' Hardware.....	16	24
Sash-frames.....	Carpentry.....	20	30
Sash-hangings.....	Builders' Hardware.....	16	24
Sash-holders, Manufacture of.....	Hardware Manufactures.....	53B	24
Sash-locks.....	Builders' Hardware.....	16	24
Sash, Machines for making.....	Wood-Working; 3.....	144	173
Sash, Machines for mortising.....	Wood-Working; 3.....	144	173
Sash, Machines for planing.....	Wood-Working; 3.....	144	173
Sash-pulleys.....	Builders' Hardware.....	16	24
Sash-pulleys, Manufacture of.....	Hardware Manufactures.....	53B	24
Sash-rollers.....	Builders' Hardware.....	16	24
Sash-springs.....	Builders' Hardware.....	16	24
Sash-stops.....	Builders' Hardware.....	16	24
Sash-weights.....	Builders' Hardware.....	16	24
Sash-weights, Manufacture of.....	Hardware Manufactures.....	53B	24
Satchel-fastenings.....	Trunks.....	133	162
Satchels.....	Trunks.....	133	162
Sauce-pans.....	Kitchen Utensils.....	65	136
Sausage-cutters.....	Butchering.....	17	25
Sausage-stuffers.....	Butchering.....	17	25
Saw-bore.....	Wood-Working; 4.....	145	131
Saw-bucks.....	Wood-Working; 4.....	145	131
Saw-dust carriers.....	Wood-Working; 4.....	110	130
Saw-filing.....	Grinding and Polishing.....	51	70
Saw-filing machines.....	Grinding and Polishing.....	51	131
Saw-frames.....	Grinding and Polishing.....	110	131
Saw-gages.....	Grinding and Polishing.....	110	131
Saw-gates.....	Grinding and Polishing.....	110	131
Saw-grinding.....	Grinding and Polishing.....	51	70

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub- scriptive classification.
Saw-grinding machines	Grinding and Polishing	51	131
Saw-gummers	Metal-Working; 4	79	131
Saw-horses	Saws	110	131
Saw-jacks	Wood-Working; 4	145	131
Sawing-machines	Wood-Working; 4	145	131
Sawing-machines for chair-backs	Wood-Working; 3	144	130
Sawing-machines for clapboards	Wood-Working; 3	144	130
Sawing-machines for combs	Wood-Working; 3	144	161
Sawing-machines for hoops	Wood-Working; 3	110	40
Sawing-machines for laths	Wood-Working; 3	144	174
Sawing-machines for match-splints	Wood-Working; 3	144	174
Sawing-machines for oars	Saws	110	13
Sawing-machines for shingles	Saws	110	174
Sawing-machines for splints	Wood-Working; 2	143	174
Sawing-machines for staves	Wood-Working; 3	144	40
Sawing-machines for veneers	Wood-Working; 3	144	176
Sawing stone	Stone, Lime, and Cement	125	153
Saw-jacks	Saws	110	131
Saw-making	Metal-Working; 4	79	131
Saw-mills	Saws	110	130
Saw mills, Circular	Saws	110	130
Saw-mills, Dogs for	Saws	110	130
Saw-mills, Feed for	Saws	110	130
Saw-mills, Gates for	Saws	110	130
Saw-mills, Head-blocks for	Saws	110	130
Saws	Saws	110	131
Saws, Amputation	Saws	110	153
Saws, Annular	Saws	110	40
Saws, Band	Saws	110	130
Saws, Bow	Saws	110	131
Saws, Circular	Saws	110	130
Saws, Cross-cut	Saws	110	131
Saws, Cylindrical	Saws	110	40
Saws, Diamond	Stone, Lime, and Cement	125	153
Saws, Drag	Saws	110	130
Saw-sets	Metal-Working; 4	79	131
Saws, Gate	Saws	110	130
Saws, Hand	Saws	110	131
Saws, Hanging	Saws	110	130
Saws, Ice	Saws	110	131
Saws, Key-hole	Saws	110	131
Saws, Meat	Saws	110	131
Saws, Metal	Saws	110	131
Saws, Pruning	Saws	110	131
Saws, Scroll	Saws	110	130
Saws, Stone	Stone, Lime, and Cement	125	153
Saws, Straining	Saws	110	131
Saws, Tempering	Metallurgy	75	131
Saws, Tenon	Saws	110	131
Saw-swages	Metal-Working; 4	79	131
Saws, Web	Saws	110	131
Saws, Whip	Saws	110	131
Saw-teeth	Saws	110	131
Scaffolding	Carpentry	20	29
Scagliola	Stone, Lime, and Cement	125	153
Scalding-tubs and appliances	Butchering	17	25
Scale-board, Working	Wood-Working; 1	142	173
Scales, Drafting	Drafting	33	97
Scales, Sliding	Measuring-Instruments	73	97

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub-script classification.
Scales, Tailors'	Measuring-Instruments	73	38
Scales, Weighing	Measuring-Instruments	73	132
Scaling boilers, Tools for	Steam; 2	122	150
Scaling fish	Butchering	17	25
Scalloping glass	Glass	49	68
Scalpels	Cutlery	30	156
Scarfig and other timber-joints	Carpentry	20	173
Scarf-pins	Jewelry	63	86
Scarificators	Surgery	128	156
Scarifiers	Harrows	55	73
School-charts and maps	Educational	35	146
School-furniture	Furniture	45	62
Scissors	Cutlery	30	44
Scissors, Manufacture of	Hardware Manufactures	53A	44
Scissors-sharpeners	Grinding and Polishing	51	70
Scoops, Flour	Kitchen Utensils	65	88
Scouring cloth	Cloth	26	37
Scouring glass	Grinding and Polishing	51	70
Scouring-machines	Mills	83	57
Scouring stone	Grinding and Polishing	51	70
Scrap-books	Stationery	120	146
Scrap, Bundling and rolling	Metal-Working; 5	80	125
Scrapers, Box	Wood-Working; 4	145	29
Scrapers, Cane	Plows	97	43
Scrapers, Cotton	Plows	97	43
Scrapers, Deck	Wood-Working; 4	145	137
Scrapers, Earth	Excavators	37	51
Scrapers for fire-arms	Fire-Arms	42	55
Scrapers, Grading	Excavators	37	51
Scrapers, Mast	Wood-Working; 4	145	138
Scrapers, Millstone	Stone, Lime, and Cement	125	153
Scrapers, Tree	Garden and Orchard	47	63
Scraping and dressing cord	Cordage	28	127
Screens, Fire	Furniture	45	62
Screens for window	Carpentry	20	62
Screens of wire	Wire-Working	140	170
Screw-blanks, Cutting	Wood-Screws	141	175
Screw-blanks, Feeding	Wood-Screws	141	175
Screw-blanks, Making	Wood-Screws	141	175
Screw-blanks, Threading	Wood-Screws	141	175
Screw-bolts	Bolts, Nuts, and Rivets	10	14
Screw-caps, Making sheet-metal	Sheet-Metal	113B	136
Screw-cutting lathes	Metal-Working; 7	82	100
Screw-drivers	Wood-Working; 4	145	29
Screw-forming, Sheet-metal	Sheet-Metal	113A	136
Screw-nails, Manufacture of	Hardware Manufactures	53G	103
Screw-nuts	Bolts, Nuts, and Rivets	10	14
Screw-piles	Hydraulic Engineering	61	82
Screw-presses	Presses	100	7
Screw-propellers	Ships; 2	115	139
Screw-rings, Making sheet-metal	Sheet-Metal	113B	136
Screws, Swaging	Wood-Screws	141	175
Screw-taps	Bolts, Nuts, and Rivets	10	14
Scribing-gages	Wood-Working; 4	145	29
Scroll-saws	Saws	110	130
Scrubbing-brushes	Brushes and Brooms	15	22
Scrubbing-machines	Brushes and Brooms	15	22
Scrubbing-pails	Brushes and Brooms	15	40
Scuffle-hoes	Garden and Orchard	47	63
Scufflers	Harrows	55	73

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub- scriptive classification.
Scuppers	Ships; 1	114	137
Scutcheons for key-holes	Locks and Latches	70	93
Scutching-machines	Brakes and Gins	13	78
Scythe-fastenings	Harvesters	56	49
Scythe-nibs	Harvesters	56	49
Scythe-rifles	Grinding and Polishing	51	70
Scythes	Harvesters	56	49
Scythe-snaths	Harvesters	56	49
Scythe-stones	Grinding and Polishing	51	70
Sealing cans and jars	Preserving Food	99	58
Seal-locks	Locks and Latches	70	93
Seals	Printing	101	117
Seaming-machines, Sheet-metal	Sheet-Metal	113A	136
Seats, Carriage	Carriages	21	31
Seats for harvesters	Harvesters	56	74
Seats for railway-cars	Railways; 2	105	121
Seats, Garden	Furniture	45	62
Seats, School	Furniture	45	62
Seats, Spring-wagon	Carriages	21	31
Sectional boats	Boats	9	13
Securing cables and hawsers	Ships; 1	114	137
Securing hatches	Ships; 1	114	137
Sediment-collectors for steam-boilers	Steam; 2	122	148
Seed-drills	Seeders and Planters	111	133
Seed-droppers	Seeders and Planters	111	133
Seed for planting and sowing, Preparing	Seeders and Planters	111	133
Seed-planters	Seeders and Planters	111	133
Seeding-bags and pouches	Seeders and Planters	111	133
Self-fastening buttons	Clasps and Buckles	24	23
Self-loading carts	Carriages and Wagons	21	31
Self-loading fire-arms	Fire-Arms	42	55
Semaphores, Electrical	Electricity	36	50
Separating fibers of plants for use in textile fabrics	Brakes and Gins	13	78
Serving rope	Cordage	28	127
Settees	Furniture	45	62
Setting gems	Jewelry	63	86
Setting glaziers' diamonds	Glass	49	68
Sewage for fertilizers, Treatment of	Manures	71	96
Sewer-cleaners	Manures	71	96
Sewers	Masonry	72	51
Sewing-birds	Apparel	2	38
Sewing-boxes	Apparel	2	38
Sewing-guards	Apparel	2	38
Sewing-machines	Sewing-Machines	112	134
Sewing-machines for boots and shoes	Sewing-Machines	112	16
Sewing-machines for embroidery	Sewing-Machines	112	134
Sewing-machines for making button-holes	Sewing-Machines	112	134
Sewing-machines for sewing straw goods	Sewing-Machines	112	134
Sewing-machine needles, Making	Needles and Pins	86	104
Sewing-pins	Apparel	2	38
Sewing-presses	Book-Binding	11	15
Sewing-stands	Apparel	2	38
Sewing-work holders	Apparel	2	38
Sextants	Optics	88	157
Shackles	Harness	54	72
Shades, Lamp	Lamps and Gas-Fittings	67	90
Shaft-couplings, Manufacture of	Hardware Manufactures	53C	87

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub- scription classification.
Shaft-couplings	Journals and Bearings	64	87
Shaft-hangers	Journals and Bearings	64	87
Shafting	Journals and Bearings	64	87
Shafts, Bending or straightening	Metal-Working ; 1	76	119
Shaft-tugs	Harness	54	72
Shampooing appliances	Toilet	132	161
Shank-cutters	Boots and Shoes	12	16
Shank-lastern	Boots and Shoes	12	16
Shank-markers	Boots and Shoes	12	16
Shanks, Boot	Boots and Shoes	12	16
Shanks for door-knobs	Locks and Latches	70	93
Shank-stiffeners	Boots and Shoes	12	16
Shaping machines, Metal	Metal-Working	7	100
Shaping ships' timbers	Ships ; 1	114	137
Sharpeners, Picket and pole	Wood-Working ; 3	144	174
Shaving-cases	Toilet	132	161
Shaving-horses	Wood-Working ; 3	144	173
Shawl-pins	Jewelry	63	86
Shawls	Apparel	2	38
Shawl-straps	Trunks	133	162
Shearing cloth	Cloth	26	37
Shearing-machines for bar or plate	Metal-Working ; 4	79	119
Shears	Cutlery	30	44
Shears, Bench	Cutlery	30	44
Shears, Button-hole	Cutlery	30	44
Shears, Cattle-marking	Cutlery	30	135
Shears, Clipping	Cutlery	30	135
Shears, Edging	Cutlery	30	63
Shears, Garden	Cutlery	30	63
Shears, Grass-edging	Cutlery	30	63
Shears, Hair-clipping	Cutlery	30	161
Shears, Hair-cutting	Cutlery	30	44
Shears, Hand	Cutlery	30	44
Shears, Hedging	Cutlery	30	63
Shears, Lopping	Cutlery	30	63
Shears, Manufacture of	Hardware Manufactures	53A	44
Shears, Pruning	Cutlery	30	63
Shears, Sheep	Cutlery	30	135
Shears, Sheet-metal	Cutlery	30	136
Shears, Tailors'	Cutlery	30	38
Shears, Tinmen's	Cutlery	30	136
Sheathing-nails	Nails	85	103
Sheathing vessels	Ships ; 1	114	137
Sheaves, Manufacture of	Hardware Manufactures	53B	24
Shedding-apparatus	Weaving	139	95
Sheds and stables, Portable	Carpentry	20	144
Sheep-holders	Stabling	119	135
Sheep-racks	Stabling	119	135
Sheep-shearing machines	Stabling	119	135
Sheep-shearing tables	Stabling	119	135
Sheep-shears	Cutlery	30	135
Sheep-shears	Cutlery	30	135
Sheep-sheds	Stabling	119	135
Sheep-taggers	Stabling	119	135
Sheep-troughs	Stabling	119	135
Sheers, Masting	Hoisting	57	138
Sheet-glass	Glass	49	68
Sheet-iron, Chemical processes in manufacture of	Metal-Working ; 5	80	136
Sheet-iron, Furnaces for	Metallurgy	75	136

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub- scription classification.
Sheet-iron, Rolling	Metal-Working; 5	80	125
Sheet-iron, Scraping and cleansing	Metal-Working; 5	80	136
Sheet-lead, Rolling	Metal-Working; 5	80	125
Sheet-metal barrels and casks, Making	Sheet-Metal	113B	136
Sheet-metal boilers and cisterns, Making	Sheet-Metal	113B	136
Sheet-metal boxes and cans, Making	Sheet-Metal	113B	136
Sheet-metal buckets and pans, Making	Sheet-Metal	113B	136
Sheet-metal capsules and rings, Making	Sheet-Metal	113B	136
Sheet-metal gutters and spouting, Making	Sheet-Metal	113B	136
Sheet-metal kitchen and table ware, Making	Sheet-Metal	113B	136
Sheet-metal, Machines for working	Sheet-Metal	113B	136
Sheet-metal making	Metal-Working; 5	80	136
Sheet-metal planishing	Metal-Working; 5	80	136
Sheet-metal, Processes for working	Sheet-Metal	113A	136
Sheet-metal screw caps and rings, Making	Sheet-Metal	113A	136
Sheet-metal table-ware, Making	Sheet-Metal	113A	136
Sheet-metal, Tools for working	Sheet-Metal	113A	136
Sheet-metal ware, Making	Sheet-Metal	113A	136
Sheet-metal workers' tools	Metal-Working; 6	81A	136
Shelf-brackets	Furniture	45	62
Shellers, Corn	Mills	83	59
Shell-fuses	Projectiles	102	105
Shells	Projectiles	102	105
Shells, Incendiary	Projectiles	102	105
Shelves, Folding	Furniture	45	62
Shelving for stores, &c.	Furniture	45	62
Shields for horses	Harness	54	72
Shields for tunneling	Hydraulic Engineering	61	82
Shingle-binders	Wood-Working; 3	144	174
Shingles, Compositions and means for preserving	Roofing	108	126
Shingles, Machines for jointing	Wood-Working; 3	144	174
Shingles, Machine for planing	Wood-Working; 3	144	174
Shingles, Machines for riving	Wood-Working; 3	144	174
Shingling-brackets	Carpentry	20	29
Ships' armor	Ships; 1	114	137
Ships' berths	Ships; 1	114	137
Ships' capstans	Hoisting	57	79
Ships' knees	Ships; 1	114	137
Ships' logs	Measuring-Instruments	73	138
Ships, Propulsion of	Ships; 1	114	139
Ships, Propulsion of	Ships; 2	115	139
Shipwrights' clamps	Wood-Working; 4	145	137
Shipwrights' tools	Wood-Working; 4	145	137
Shipwrights' tools, Manufacture of	Metal-Working; 6	81B	137
Shirt and collar fastenings, Manufacture of	Hardware Manufactures	53E	23
Shirt-bosoms	Apparel	2	38
Shirts	Apparel	2	38
Shoal-alarms	Signals	116	138
Shock-tyers	Harvesters	56	77
Shoe-binding	Boots and Shoes	12	16
Shoe-brushes	Brushes and Brooms	15	16
Shoe-buttoners	Clasps and Buckles	24	23
Shoe-buttons, Manufacture of	Hardware Manufacture	53E	23
Shoe-clasps	Boots and Shoes	12	23

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub-description classification.
Shoe-distenders	Boots and Shoes	12	16
Shoe-fasteners	Boots and Shoes	12	16
Shoe-hammers	Boots and Shoes	12	16
Shoe-holders	Boots and Shoes	12	16
Shoe-hooks	Boots and Shoes	12	16
Shoe-horns	Boots and Shoes	12	16
Shoeing-tools, Blacksmiths'	Metal-Working; 6	81A	60
Shoe-lacing	Boots and Shoes	12	16
Shoe-lacing, Machines for tagging	Boots and Shoes	12	16
Shoe-lacing hooks	Boots and Shoes	12	23
Shoe-linings	Boots and Shoes	12	16
Shoemakers' benches	Boots and Shoes	12	16
Shoemakers' tools	Boots and Shoes	12	16
Shoe-nails	Nails	85	103
Shoe-patterns	Boots and Shoes	12	16
Shoe-pegs, Machines for making	Wood-Working; 3	144	16
Shoes	Boots and Shoes	12	16
Shoes for car-brakes	Railways; 3	106	122
Shoe-soles	Boots and Shoes	12	16
Shoe-soles, Machines for making wooden	Wood-Working; 3	144	16
Shoe-stays	Boots and Shoes	12	16
Shoe-straps	Boots and Shoes	12	16
Shoe-tips, Manufacture of	Hardware Manufactures	53G	16
Short-hand reporting	Educational	35	54
Shot	Projectiles	102	35
Shot-cartridges	Projectiles	102	32
Shot-chargers	Projectiles	102	55
Shot-hole stoppers	Ships; 1	114	137
Shot making, Cast	Casting	22	32
Shot, Making, (<i>Pressed</i>)	Hardware Manufactures	53A	32
Shot, Manufacture of	Hardware Manufactures	53A	32
Shot-pouches	Projectiles	102	55
Shot-sorting machines	Hardware Manufactures	53A	32
Shooting-machines	Casting	22	32
Shoulder-braces	Apparel	2	38
Shoulder-straps	Apparel	2	38
Shoulder-supporters	Apparel	2	38
Shovel-handles, Machines for making	Wood-Working; 3	144	141
Shovel-plows	Plows	97	114
Shovels	Garden and Orchard	47	141
Shovels and tongs	Stoves and Furnaces	126	154
Show-cards	Stationery	120	146
Show-cases	Furniture	45	54
Show-stands	Furniture	45	54
Shutter-bars	Builders' Hardware	16	24
Shutter-fasteners	Builders' Hardware	16	24
Shutter-fasteners, Manufacture of	Hardware Manufactures	53B	24
Shutter-hinges	Builders' Hardware	16	24
Shutter-lifts	Builders' Hardware	16	24
Shutter-locks	Builders' Hardware	16	24
Shutter-operators	Builders' Hardware	16	24
Shutters	Carpentry	20	30
Shutters, Fire-proof	Masonry	72	4
Shutter-workers, Manufacture of	Hardware Manufacture	53B	24
Shuttle-boxes	Weaving	139	95
Shuttle-boxes, Actuating	Weaving	139	95
Shuttle-checks	Weaving	139	95
Shuttle-drivers for sewing-machines	Sewing-Machines	112	134
Shuttle-frames, Manufacture of	Hardware Manufactures	53H	95
Shuttles for sewing-machines	Sewing-Machines	112	134

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub- cription classification.
Shuttles.....	Weaving.....	139	95
Shuttle-spindles.....	Weaving.....	139	95
Shuttles, Tatting.....	Apparel.....	2	38
Shuttle-tips, Manufacture of.....	Hardware Manufactures.....	53H	95
Sickles.....	Harvesters.....	56	49
Sidewalks.....	Paving.....	94	110
Siding of houses.....	Carpentry.....	20	30
Sieve-cloth, Weaving.....	Weaving.....	139	95
Sieves of wire.....	Wire-Working.....	140	170
Sifters.....	Wire-Working.....	140	170
Sifting-machines.....	Wire-Working.....	140	170
Sights for ordnance.....	Ordnance.....	89	105
Sights for small-arms.....	Fire-Arms.....	42	105
Signal-bells.....	Signals.....	116	24
Signal-boxes for electric telegraphs.....	Electricity.....	36	50
Signal-codes.....	Signals.....	116	50
Signaling-apparatus.....	Signals.....	116	158
Signal-lanterns.....	Signals.....	116	158
Signals, Electrical.....	Electricity.....	36	50
Signals, Fog.....	Signals.....	116	138
Signals, marine.....	Signals.....	116	138
Signals, Pyrotechnic.....	Signals.....	116	158
Signals, Railroad.....	Signals.....	116	120
Signals, Semaphoric.....	Signals.....	116	158
Signal-towers.....	Signals.....	116	158
Signs.....	Stationery.....	120	146
Signs, Illuminating.....	Stationery.....	120	54
Silk filature.....	Silk.....	117	140
Silk manufacture.....	Silk.....	117	140
Silk-worm culture.....	Stabling.....	119	140
Silk-worm frames.....	Silk.....	117	140
Silvering.....	Plating.....	96	113
Silver-plating.....	Plating.....	96	113
Singeing-apparatus.....	Butchering.....	17	25
Singeing cloth.....	Cloth.....	26	37
Singeing-tools.....	Stabling.....	119	144
Single-shovel plows.....	Plows.....	97	114
Single-trees.....	Carriages and Wagons.....	21	31
Sinkers for knitting-machines.....	Knitting and Netting.....	66	89
Sinks.....	Baths and Closets.....	4	8
Sinks, Kitchen.....	Baths and Closets.....	4	8
Siphon-bottles.....	Aëration and Bottling.....	1	1
Siphons.....	Water-Distribution.....	137	1
Sirup-fountains.....	Aëration and Bottling.....	1	1
Sirup-gages.....	Aëration and Bottling.....	1	1
Sirup, Treatment of.....	Sugar.....	127	155
Size-markers for hats.....	Felting and Hats.....	38	76
Size, Preparation of.....	Bleaching and Dyeing.....	8	11
Sizing fabrics.....	Bleaching and Dyeing.....	8	11
Sizing silk.....	Silk.....	117	140
Sizing yarn, thread, &c.....	Cordage.....	28	17
Skate-fasteners.....	Games and Toys.....	46	143
Skates.....	Games and Toys.....	46	143
Skate-sharpeners.....	Grinding and Polishing.....	51	70
Skates, Parlor.....	Games and Toys.....	46	143
Skates, Roller.....	Games and Toys.....	46	143
Skating-rinks.....	Carpentry.....	20	30
Skeins of axles.....	Carriages and Wagons.....	21	31
Skelp and blank furnaces.....	Metal-Working; 3.....	78	125
Skewers, Machines for making.....	Wood-Working; 3.....	144	175

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub- scription classification.
Skids	Hoisting	57	79
Skillets	Stoves and Furnaces	126	154
Skimmers, Culinary	Kitchen Utensils	65	88
Skimmers for steam-boilers	Steam; 2	122	148
Skimmers for sugar-pans	Sugar	127	155
Skinning appliances	Butchering	17	25
Skins, Treatment of	Tanning	129	92
Skips	Hoisting	57	79
Skirt-covers	Apparel	2	38
Skirt-elevators	Apparel	2	38
Skirt-hoops, Covering wire with wire for	Wire-Working	140	170
Skirts and corsets combined	Crinoline and Corsets	29	38
Skirts, Binding for	Apparel	2	38
Skirts, Clasps for	Clasps and Buckles	24	23
Skirts, Covered wire for hoop	Crinoline and Corsets	29	80
Skirts, Hoop	Crinoline and Corsets	29	80
Skirts, (except Crinoline, Class 29)	Apparel	2	38
Skirts, Printing	Printing	101	117
Skirt-supporters	Apparel	2	38
Skiving machines, Leather	Leather	69	92
Skylights	Carpentry	20	30
Skylights, Operating	Carpentry	20	29
Slashers	Cordage	28	127
Slate, Artificial	Stone, Lime, and Cement	125	153
Slate-cleaners	Educational	35	146
Slate-frames	Educational	35	146
Slate-frames, Machines for making	Wood-Working; 3	144	146
Slate-pencils	Educational	35	146
Slates	Educational	35	146
Slates, Artificial	Educational	35	146
Slate-working machines	Stone, Lime, and Cement	125	153
Slating	Roofing	108	126
Slat-mats	Brushes and Brooms	15	56
Slatted floor-covering	Brushes and Brooms	15	56
Slaughtering-apparatus	Butchering	17	25
Sled-brakes	Carriages and Wagons	21	31
Sled-runners	Carriages and Wagons	21	31
Sleds	Carriages and Wagons	21	31
Sleds for furrowing ground	Plows	97	114
Sled-soles	Carriages and Wagons	21	31
Sleepers, Railway	Railways; 1	104	120
Sleeping-cars	Railways; 2	105	121
Sleeve-buttons	Clasps and Buckles	24	23
Sleeves	Apparel	2	38
Sleigh-bell attachments	Harness	54	72
Sleigh-bells	Harness	54	72
Sleigh-bells, Manufacture of	Hardware Manufactures	53B	10
Sleighs	Carriages and Wagons	21	31
Slide-valves	Valves	136	152
Sliding-door rollers	Builders' Hardware	16	24
Sliding hills	Carpentry	20	29
Sliding-gages	Measuring-Instruments	73	97
Slinging-accouterments	Trunks	133	162
Slippers	Boots and Shoes	12	16
Slips, Marine	Hydraulic Engineering	61	82
Slitting timber, Machines for	Wood-Working; 3	144	173
Slivering-machines	Wood-Working; 2	143	174
Slivers, Cans for	Carding	19	28
Slop-buckets	Kitchen Utensils	65	88

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub-description classification.
Slop-jars	Kitchen Utensils	65	88
Slotting machines, Metal	Metal-Working; 7	82	100
Slubbing-frames	Spinning	118	142
Sluice-gates	Hydraulic Engineering	61	82
Small-arms	Fire-Arms	42	55
Smelting-furnaces	Metallurgy	75	88
Smelting glass	Glass	49	68
Smoke-bells	Lamps and Gas-Fittings	67	90
Smoke-burners	Stoves and Furnaces	126	154
Smoke-houses	Dryers and Kilns	34	48
Smoke-jacks	Stoves and Furnaces	126	154
Smoke-pipes for boiler-furnaces	Steam; 2	122	149
Smoking meat and fish	Dryers and Kilns	34	58
Smoking-pipes	Tobacco	131	160
Smoothing-irons	Laundry	68	91
Smut-machines	Mills	83	159
Smut-mills	Mills	83	159
Snag-boats	Hydraulic Engineering	61	82
Snags, Removing	Hydraulic Engineering	61	82
Snap-hooks	Clasps and Buckles	24	23
Snap-hooks, Manufacture of	Hardware Manufactures	53F	23
Snap-rings	Clasps and Buckles	24	23
Snaths, Machines for bending	Wood-Working; 3	144	175
Snaths, Machines for finishing	Wood-Working; 3	144	175
Snaths, Machines for rounding	Wood-Working; 1	142	175
Snaths, Machines for turning	Wood-Working; 1	142	175
Snout-rings	Harness	54	144
Snow-plows	Railways; 3	106	122
Snuubbers	Ships; 1	114	137
Snuff-boxes	Tobacco	131	160
Snuffers	Lamps and Gas-Fittings	67	90
Snuff-sifters	Tobacco	131	160
Soap	Oil, Fat, and Glue	87	26
Soap-cutting machines	Oil, Fat, and Glue	87	26
Soap-holders	Furniture	45	26
Soap-making machines	Oil, Fat, and Glue	87	26
Soap-making processes	Oil, Fat, and Glue	87	26
Soda-fountains	Aëration and Bottling	1	1
Soda-fountains, Apparatus for charging	Aëration and Bottling	1	1
Soda-water apparatus	Aëration and Bottling	1	1
Sod-cutters	Plows	97	114
Sofas	Furniture	45	62
Solar cameras	Optics	88	111
Solder	Sheet-Metal	113A	136
Soldering-furnaces	Sheet-Metal	113A	136
Soldering-implements	Sheet-Metal	113A	136
Soldering-processes	Sheet-Metal	113A	136
Soldering-tools	Sheet-Metal	113A	136
Soles for boots and shoes	Boots and Shoes	12	16
Sounds	Surgery	128	156
Sorghum-evaporators	Sugar	127	155
Sorghum manufacture	Sugar	127	155
Sorghum-mills	Mills	83	155
Sorghum-strippers	Garden and Orchard	47	155
Sorting-apparatus, Electrical	Electricity	36	50
Sorting machines, Leather	Leather	69	92
Sorting silk	Silk	117	140
Sounders	Electricity	36	50
Sounding-apparatus	Measuring-Instruments	73	137

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub- scripti- on classifi- cation.
Sounding-boards for musical instruments	Music	84	112
Sounding, Instruments for marine.....	Measuring-Instruments.....	73	137
Sowers, Broad-cast.....	Seeders and Planters	111	133
Sowers, Fertilizer.....	Seeders and Planters	111	133
Sowers, Seed.....	Seeders and Planters	111	133
Spaces for printers.....	Printing	101	117
Spade-bayonets	Fire-Arms	42	55
Spades	Garden and Orchard.....	47	141
Spading-machines	Plows	97	114
Spangles to skirts, Attaching.....	Crinoline and Corsets	29	38
Spanners for hose-couplings.....	Hose and Belting.....	60	81
Spark-arresters	Steam; 2	122	94
Spark-consumers	Steam; 2	122	94
Sparring steamboats	Ships; 1	114	138
Spars, Handling and hoisting.....	Ships; 1	114	138
Spaying device	Surgery	128	156
Speaking-trumpets.....	Signals	116	158
Speaking-tubes	Signals	116	158
Specific-gravity apparatus.....	Measuring-Instruments.....	73	132
Spectacles	Optics	88	157
Speculums, Anal.....	Surgery	128	156
Speculums, Vaginal	Surgery	128	156
Speeder-flyers, Manufacture of.....	Hardware Manufactures	53H	142
Speeders	Spinning	118	142
Speeders for capstans.....	Hoisting	57	79
Speed-indicators	Measuring-Instruments.....	73	42
Spermatorrhea, Instruments for treating	Surgery	128	156
Spherical-case shot.....	Projectiles	102	105
Sphygmographs	Measuring-Instruments.....	73	156
Spice-boxes.....	Kitchen Utensils.....	65	88
Spice-mills	Mills	83	88
Spiders	Stoves and Ranges	126	154
Spike-bar rolling	Metal-Working; 5	80	125
Spike-extractors	Wood-Working; 4	145	29
Spikes	Nails	85	103
Spikes, Machines for making.....	Nails	85	103
Spikes, Railroad.....	Railways; 4	107	120
Spikes, Screw.....	Railways; 4	107	120
Spikes, Self-clenching	Nails	85	103
Spinal curvatures, Instruments for treating	Artificial Limbs.....	3	156
Spindle-heads for flyers, Manufacture of.....	Hardware Manufactures	53H	142
Spindles, Banding	Spinning	118	142
Spindles for door-knobs.....	Locks and Latches.....	70	93
Spindles for spinning-machines.....	Spinning	118	142
Spindles, Lubricating.....	Journals and Bearings.....	64	87
Spindles, Mill.....	Mills	83	57
Spindle-steps	Spinning	118	142
Spinning glass	Glass	49	68
Spinning-machinery	Spinning	118	142
Spinning sheet-metal ware.....	Sheet-Metal	113A	136
Spinning silk.....	Silk	117	140
Spinning-wheels	Spinning	118	142
Spiral stock-drills.....	Metal-Working; 2	77	100
Spirals, Instruments for drawing.....	Drafting	33	97
Spirit-meters	Pumps	103	167
Spirits, Distillation of.....	Stills	124	47
Spirits, Rectification of.....	Stills	124	47

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub- script classification.
Spirometers	Measuring-Instruments	73	156
Spits for roasting meat	Stoves and Ranges	126	154
Spittoon-envelopes	Furniture	45	62
Spittoons, Railway-car	Furniture	45	121
Spittoons	Furniture	45	62
Splice pieces, Railway	Railways; 1	104	120
Splices for railways, Making	Railways; 4	107	120
Splicing timbers	Carpentry	20	30
Splint-brooms	Brushes and Brooms	15	22
Splint-planes	Wood-Working; 2	143	29
Splints	Artificial Limbs	3	156
Splints for baskets, blinds, brooms, and matches	Wood-Working; 2	143	174
Split-rings	Clasps and Buckles	24	23
Split-rings, Manufacture of	Hardware Manufactures	53E	23
Splitting fire-wood, Machines for	Wood-Working; 3	144	174
Splitting machines, Leather	Leather	69	92
Splitting slate	Stone, Lime, and Cement	125	153
Spoke-shaves	Wood-Working; 4	145	31
Spokes, Machines for driving	Wood-Working; 3	144	31
Spokes, Machines for planing	Wood-Working; 3	144	31
Spokes, Machines for polishing	Wood-Working; 3	144	31
Spokes, Machines for tenoning	Wood-Working; 3	144	31
Spokes, Machines for turning	Wood-Working; 1	142	31
Spokes	Carriages and Wagons	21	31
Spoke-sockets	Carriages and Wagons	21	31
Sponge-cups	Stationery	120	146
Sponge for stuffing, Preparing	Beds	5	62
Sponges for ordnance	Ordnance	89	105
Sponging cloth	Cloth	26	37
Spool-cases	Apparel	2	38
Spool-holders	Apparel	2	38
Spooling-machines	Cordage	28	17
Spool-printing	Printing	101	117
Spools	Cordage	28	17
Spools, Machines for boring	Wood-Working; 1	142	173
Spools, Machines for turning	Wood-Working; 1	142	172
Spool-stands	Apparel	2	38
Spoons	Kitchen Utensils	65	88
Spoons, Making	Sheet-Metal	113B	136
Spoons, Medicinal	Surgery	128	156
Spouting	Water-Distribution	137	167
Spouting for eaves	Roofing	108	126
Spouting, Making	Sheet-Metal	113B	136
Spring-bolts	Builders' Hardware	16	24
Spring-brim hats	Felting and Hats	38	76
Spring-heads, Manufacture of	Hardware Manufactures	53C	24
Spring-hinges	Builders' Hardware	16	24
Spring-punches	Clasps and Buckles	24	72
Springs, Car	Railways; 3	106	122
Springs, Carriage	Carriages	21	31
Springs, Door	Builders' Hardware	16	24
Springs for artificial teeth	Dental	32	46
Springs for beds	Beds	5	62
Springs for sofas, chairs, &c.	Furniture	45	62
Springs, Watch and clock	Horology	58	36
Spring-testing presses	Presses	100	7
Sprinklers for clothes	Laundry	68	91
Sprouting-beds for plants	Garden and Orchard	47	63
Sprue-patterns	Castings	22	33

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub- scriptive classification.
Sprues	Castings	22	33
Spuds	Garden and Orchard	47	63
Spurs	Harness	54	72
Spurs for saw-mills	Saws	110	130
Squares	Measuring-Instruments	73	97
Squeezers for puddlers' balls	Metal-Working ; 5	80	85
Stable-cleaners	Stabling	119	144
Stables	Stabling	119	144
Stackers	Thrashing	130	159
Stage-properties	Fine Arts	41	143
Staging for boats	Hydraulic Engineering	61	82
Staging for loading and unloading ves- sels	Hydraulic Engineering	61	82
Staining	Paint	91	107
Staining-compositions for marble and stone	Stone, Lime, and Cement	125	153
Staining glass, wood, &c	Fine Arts	41	54
Stains, Composition for removing	Chemical Miscellaneous	23	35
Stair-covers	Furniture	45	62
Stair-pads	Furniture	45	62
Stair-plates	Furniture	45	62
Stair-rod fastenings	Builders' Hardware	16	24
Stair-rods	Builders' Hardware	16	24
Stair-rods	Furniture	45	62
Stair-rods, Manufacture of	Hardware Manufactures	53D	24
Stairs	Carpentry	20	30
Stair-ths	Hydraulic Engineering	61	82
Stalk-choppers	Harrows	55	73
Stalk-pullers	Harrows	55	73
Stalls for horses and cattle	Stabling	119	144
Stamp-cancelers	Printing	101	146
Stamp-holders	Stationery	120	146
Stamping fabrics	Apparel	2	37
Stamping-mills	Ore	90	3
Stamps, Address	Printing	101	117
Stamps, Branding	Printing	101	117
Stamps for sheet-metal working	Sheet-Metal	113A	136
Stamps, Hand	Printing	101	146
Stamps, Postage	Fine Arts	41	146
Stamps, Post-office	Printing	101	146
Stamps, Revenue	Fine Arts	41	146
Stamps, Seal	Printing	101	146
Stanchions	Stabling	119	144
Stands, Hat and cloak	Furniture	45	62
Stands, Towel	Furniture	45	62
Stands, Umbrella	Furniture	45	62
Staples	Nails	85	103
Staples, Machines for making	Nails	85	103
Starch, Manufacture of	Bleaching and Dyeing	8	11
Starting engines off their centers	Mechanical Powers	74	67
Stationary steam-engines	Steam; 1	121	150
Stationery, Articles of	Stationery	120	146
Stationery, (metallic articles of,) Man- ufacture of	Hardware Manufactures	53I	124
Station-indicators, (<i>non-automatic</i>)	Stationery	120	146
Staves, Machines for bilging	Wood-Working ; 3	144	40
Staves, Machines for crozing	Wood-Working ; 3	144	40
Staves, Machines for dressing	Wood-Working ; 3	144	40
Staves, Machines for howeling	Wood-Working ; 3	144	40
Staves, Machines for jointing	Wood-Working ; 3	144	40

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub- script classification.
Staves, Machines for riving.....	Wood-Working ; 3	144	40
Staving metals.....	Metal-Working ; 3	78	100
Steam-actuated car-brakes.....	Steam ; 1	121	122
Steam-boiler covering.....	Steam ; 2	122	149
Steam-boiler furnaces.....	Steam ; 2	122	149
Steam-boilers.....	Steam ; 2	122	148
Steam-blast for furnaces.....	Steam ; 2	122	12
Steam carving-tables.....	Stoves and Furnaces.....	126	154
Steam-chests of engines.....	Steam ; 1	121	150
Steam-cocks.....	Valves	136	148
Steam-cooking apparatus.....	Stoves and Furnaces.....	126	154
Steam-cultivators.....	Plows	97	114
Steam-cylinder heads.....	Steam ; 1	121	150
Steam-cylinders.....	Steam ; 1	121	150
Steam-engines.....	Steam ; 1	121	150
Steam-engines for car-brakes.....	Steam ; 1	121	150
Steam-engines for hammers.....	Steam ; 1	121	150
Steam-engines for hoisting.....	Steam ; 1	121	150
Steam-engines for pumps.....	Steam ; 1	121	150
Steam-engine indicators.....	Measuring-Instruments.....	73	148
Steam-engines, Lubricators for.....	Journals and Bearings.....	64	87
Steam-engines, Valve-gear for.....	Steam ; 1	121	150
Steam-finishing presses for cloth.....	Presses	100	37
Steam fire-engines.....	Pumps	103	118
Steam fire-engines, (Engines of).....	Steam ; 1	121	118
Steam fire-proof safes.....	Safes	109	128
Steam-gages.....	Measuring-Instruments.....	73	148
Steam-generators.....	Steam ; 2	122	148
Steam-governors.....	Governors	50	69
Steam-hammers.....	Metal-Working ; 3	78	100
Steam-hammers, Engines of.....	Steam ; 1	121	150
Steam-heaters.....	Stoves and Furnaces.....	126	147
Steam-heaters, Boilers of.....	Steam ; 2	122	147
Steam-heating tables.....	Stoves and Furnaces.....	126	147
Steam in furnaces, Use of.....	Steam ; 2	122	149
Steaming-apparatus, Boilers of.....	Steam ; 2	122	148
Steaming cloth.....	Cloth.....	26	37
Steam-packing.....	Steam ; 1	121	151
Steam-pipes.....	Steam ; 2	122	149
Steam-pipes, Non conducting covering for.....	Steam ; 2	122	149
Steam-piston packing.....	Steam ; 1	121	151
Steam-pistons.....	Steam ; 1	121	151
Steam-plates for cloth-presses.....	Presses	100	7
Steam-plows.....	Plows	97	114
Steam-pressure gages.....	Measuring-Instruments.....	73	148
Steam-pressure indicators.....	Measuring-Instruments.....	73	148
Steam-pressure regulators.....	Steam ; 2	122	148
Steam-pumps.....	Pumps	103	118
Steam-pumps, Engines of.....	Steam ; 1	122	118
Steam-regulators.....	Steam ; 2	122	148
Steam spading-machines.....	Plows	97	114
Steam-traps.....	Steam ; 1	121	150
Steam vacuum-pumps.....	Steam ; 1	121	150
Steam-valves.....	Valves	136	152
Steam-whistles.....	Steam ; 2	122	148
Stearine.....	Oil, Fat, and Glue.....	87	26
Stearine-presses.....	Presses	100	26
Steel, Compositions in manufacturing.....	Metallurgy	75	85
Steel, Machinery in manufacturing.....	Metallurgy	75	85
Steel pens, Manufacture of.....	Hardware Manufactures.....	531	136

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub- scription classification.
Steel, Processes in manufacturing	Metallurgy	75	85
Steels	Grinding and Polishing	51	70
Steering-apparatus	Ships; 1	114	137
Stem-winders	Horology	58	36
Stench-traps	Baths and Closets	4	8
Stencil-plates	Fine Arts	41	54
Stencil-printing machines	Printing	101	54
Step-ladders	Carpentry	20	30
Stereoscopes	Optics	88	111
Stereoscopic-picture holders	Fine Arts	41	111
Stereotype-molds, Machines for produc- ing	Printing	101	164
Stereotyping	Printing	101	164
Stereotyping, Compositions for	Printing	101	164
Stereotyping, Processes for	Printing	101	164
Stethometers	Measuring-Instruments	73	156
Stethoscopes	Surgery	128	156
Stills	Stills	124	47
Stilts	Games and Toys	46	143
Stirrups	Harness	54	72
Stirrups, Manufacture of	Hardware Manufactures	53F	72
Stirrups, Safety	Harness	54	72
Stitches for sewing-machines	Sewing-Machines	112	134
Stitching horses	Harness	54	72
Stock-cars	Railways; 2	105	121
Stock-feeders	Stabling	119	144
Stocking and sock machines	Knitting and Netting	66	89
Stocking-supporters	Apparel	2	38
Stockings, Toe and heel protectors for	Apparel	2	38
Stocks and dies	Bolts, Nuts, and Rivets	10	14
Stocks, Bit	Wood-Working; 4	145	29
Stocks for fire-arms	Fire-Arms	42	55
Stocks for refractory animals	Stabling	119	144
Stocks for shoeing animals	Stabling	119	60
Stocks, Neck	Apparel	2	38
Stomach-pumps	Surgery	128	118
Stone and cement, Indurating	Stone, Lime, and Cement	125	153
Stone and slate tanks, Construction of	Masonry	72	51
Stone, Artificial	Stone, Lime, and Cement	125	153
Stone-breakers	Ore	90	3
Stone bridges	Bridges	14	21
Stone, Channeling	Stone, Lime, and Cement	125	153
Stone, Compositions for porous	Stone, Lime, and Cement	125	153
Stone-crushers	Ore	90	3
Stone-dressing	Stone, Lime, and Cement	125	153
Stone-drills	Stone, Lime, and Cement	125	153
Stone facing for houses	Masonry	72	4
Stone fronts for houses	Masonry	72	4
Stone-gatherers	Harrows	55	73
Stone, Indurating	Stone, Lime, and Cement	125	153
Stone, Manufacture of paving	Stone, Lime, and Cement	125	110
Stone-polishing	Grinding and Polishing	51	153
Stone-saws	Stone, Lime, and Cement	125	153
Stone-staves for millers	Stone, Lime, and Cement	125	153
Stone, Tools for working	Stone, Lime, and Cement	125	153
Stone-ware	Clay	25	115
Stone-working machines	Stone, Lime, and Cement	125	153
Stone-working tools, Manufacture of	Metal-Working; 6	81B	153
Stone-work of buildings	Masonry	72	4
Stools	Furniture	45	62

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub- scripton classification.
Stools, Camp	Furniture	45	62
Stools, Folding	Furniture	45	62
Stools, Foot	Furniture	45	62
Stools, Piano	Furniture	45	62
Stop-cocks	Valves	136	152
Stop-mechanisms for looms	Weaving	139	95
Stop-motions for carding-machines	Carding	19	28
Stop-motions for knitting-machines	Knitting and Netting	66	89
Stop-motions for spinning-machines	Spinning	118	142
Stop-motions for steam-engines	Steam; 1	121	150
Stopping crevasses	Hydraulic Engineering	61	82
Stops, Door	Builders' Hardware	16	24
Stop-valves	Valves	136	152
Store-houses	Carpentry	20	30
Store shelving	Furniture	45	62
Storm-signals, Electrical	Electricity	36	50
Stove-aprons	Stoves and Furnaces	126	154
Stove-boilers	Stoves and Furnaces	126	154
Stove-cover holders	Stoves and Furnaces	126	154
Stove-covers	Stoves and Furnaces	126	154
Stove-door handles	Stoves and Furnaces	126	154
Stove-door linings	Stoves and Furnaces	126	154
Stove-doors	Stoves and Furnaces	126	154
Stove-drums	Stoves and Furnaces	126	154
Stove-fasteners	Stoves and Furnaces	126	154
Stove-flues	Stoves and Furnaces	126	154
Stove-furniture, Making sheet-metal	Sheet-Metal	113B	136
Stove-illuminators	Stoves and Furnaces	126	154
Stove-irons	Stoves and Furnaces	126	154
Stove-leg casters	Stoves and Furnaces	126	154
Stove-legs	Stoves and Furnaces	126	154
Stove-lid holders	Stoves and Furnaces	126	154
Stove-lids	Stoves and Furnaces	126	154
Stove-linings	Stoves and Furnaces	126	154
Stove-pipe cleaners	Stoves and Furnaces	126	154
Stove-pipe drums	Stoves and Furnaces	126	154
Stove-pipe shelves	Kitchen Utensils	65	154
Stove-pipes	Stoves and Furnaces	126	154
Stove-pipes, Making	Sheet-Metal	113B	136
Stove-pipe thimbles	Stoves and Furnaces	126	136
Stove-plates	Stoves and Furnaces	126	154
Stove-polish	Grinding and Polishing	51	70
Stoves	Stoves and Furnaces	126	154
Stoves, Base-burning	Stoves and Furnaces	126	154
Stoves, Camp	Stoves and Furnaces	126	154
Stoves, Coal	Stoves and Furnaces	126	154
Stoves, Coal-oil	Stoves and Furnaces	126	154
Stoves, Cooking	Stoves and Furnaces	126	154
Stoves, Foot	Stoves and Furnaces	126	154
Stoves, Gas	Stoves and Furnaces	126	65
Stoves, Heating	Stoves and Furnaces	126	154
Stoves, Lamp	Stoves and Furnaces	126	154
Stoves, Soapstone	Stoves and Furnaces	126	65
Stoves, Utensils	Stoves and Furnaces	126	154
Stoves, Window	Stoves and Furnaces	126	154
Stoves, Wood	Stoves and Furnaces	126	154
Strabismus-goggles	Surgery	128	156
Straightening bars and plates	Metal-Working; 1	76	125
Straightening gun-barrels	Metal-Working; 1	76	163
Straightening rails	Metal-Working; 1	76	125

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub- script classification.
Straightening rods and shafts	Metal-Working; 1	76	125
Strainer-presses	Presses	100	7
Strainers	Wire-Working	140	170
Strainers, Milk	Dairy	31	45
Straw-boards	Paper-Making	92	108
Straw-carriers	Thrashing	130	159
Straw-cutters	Stabling	119	59
Straw for paper, Treating	Paper-Making	92	108
Straw-scatterers	Harvesters	56	77
Straw-stackers	Thrashing	130	159
Street-car heaters	Stoves and Furnaces	126	154
Street-cars	Railways; 2	105	121
Street-indicators	Stationery	120	146
Street-levelers	Paving	94	110
Street-paving	Paving	94	110
Street-railways	Railways; 1	104	120
Street-rammers	Paving	94	110
Street-scrapers	Paving	94	110
Street-sprinkling carts	Water-Distribution	137	167
Street-sweepers	Paving	94	110
Street-washers	Water-Distribution	137	167
Stretchers	Carriages and Wagons	21	31
Stretchers for pictures	Fine Arts	41	54
Stretching cloth	Cloth	26	37
Stretching machines, Leather	Leather	69	92
Stretching silk	Silk	117	140
Stringed instruments	Music	84	102
Strings for musical instruments	Music	84	102
Strops	Grinding and Polishing	51	70
Studs	Clasps and Buckles	24	23
Snuffers, Collar	Harness	54	72
Stuffing-boxes	Steam; 1	121	151
Stuffing-box packing	Steam; 1	121	151
Stuffing for mattresses, pillows, &c	Beds	5	62
Stuffing for upholstery purposes	Beds	5	62
Stump-extractors	Hoisting	57	79
Stumps, Machines for cutting	Wood-Working; 3	144	175
Sub-aqueous foundations	Hydraulic Engineering	61	82
Sub-aqueous railways	Hydraulic Engineering	61	82
Sub-aqueous tunneling	Hydraulic Engineering	61	82
Sub-fluvian tunnels	Hydraulic Engineering	61	82
Submarine armor	Hydraulic Engineering	61	82
Submarine cables, Laying	Hydraulic Engineering	61	82
Submarine excavating	Hydraulic Engineering	61	82
Submarine excavators	Excavators	37	82
Submarine helmets	Hydraulic Engineering	61	82
Submarine lamps	Lamps and Gas-Fittings	97	92
Submarine operators	Hydraulic Engineering	61	85
Submarine ordnance	Ordnance	89	107
Submarine vessels	Ships; 1	114	134
Subsoil-plows	Plows	97	115
Sugar-breakers	Sugar	127	155
Sugar	Sugar	127	155
Sugar-cane cutters	Harvesters	56	75
Sugar-cane mills	Mills	83	155
Sugar-crushers	Mills	83	155
Sugar-filters	Sugar	127	155
Sugar from grain, Obtaining	Sugar	127	155
Sugar-furnaces	Sugar	127	155
Sugar-furnaces	Sugar	127	155

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub-description classification.
Sugar-making processes.....	Sugar.....	127	155
Sugar-mills.....	Mills.....	83	155
Sugar-mixing machine.....	Sugar.....	127	157
Sugar-packers.....	Presses.....	100	5
Sugar-pans.....	Sugar.....	127	155
Sugar-pan skimmers.....	Sugar.....	127	157
Sugar-presses.....	Presses.....	100	5
Sugar-refining.....	Sugar.....	127	155
Sugar-strainers.....	Sugar.....	127	151
Sulkies.....	Carriages.....	21	31
Sulky-seats.....	Carriages.....	21	31
Sulphuric acid, Recovering.....	Stills.....	124	47
Sun-shades.....	Umbrellas and Fans.....	135	165
Sun-shades for horses.....	Harness.....	54	72
Super-heaters for steam-boilers.....	Steam; 2.....	122	149
Supporters, Abdominal.....	Surgery.....	128	156
Supporters, Menstrual.....	Surgery.....	128	156
Supporters, Obstetrical.....	Surgery.....	128	156
Supporters, Pile.....	Surgery.....	128	156
Supporters, Uterine.....	Surgery.....	128	156
Supporters, Vaginal.....	Surgery.....	128	156
Supporters, Window.....	Builders' Hardware.....	16	24
Supporting vessels.....	Ships; 1.....	114	82
Suppositories.....	Surgery.....	128	156
Surcingle.....	Harness.....	54	72
Surf-boats.....	Boats.....	9	13
Surge-relievers.....	Ships; 1.....	114	138
Surveying-instruments.....	Optics.....	88	157
Surveyors' chains.....	Optics.....	88	157
Surveyors' compasses.....	Optics.....	88	157
Surveyors' marks.....	Optics.....	88	157
Suspenders.....	Apparel.....	2	38
Suspending ships' boats.....	Boats.....	9	13
Suspension-bridge cables.....	Wire-Working.....	140	170
Suspension-bridges.....	Bridges.....	14	21
Suspension-cable anchors.....	Bridges.....	14	138
Suspension-cable saddles.....	Bridges.....	14	21
Suspension-cable wire-carriers.....	Bridges.....	14	21
Suspensory bandages.....	Surgery.....	128	156
Suture-instruments.....	Surgery.....	128	156
Swaging metals.....	Metal-Working; 3.....	78	100
Swaging sheet-metal.....	Sheet-Metal.....	113A	136
Swarm-indicators.....	Bee-Hives.....	6	9
Sward-cutters.....	Harvesters.....	56	75
Sweat-leathers for hats.....	Felting and Hats.....	38	76
Sweet-potato cultivators.....	Plows.....	97	114
Swells for musical instruments.....	Music.....	84	106
Swifts.....	Spinning.....	118	142
Swimming, Appliances for.....	Games and Toys.....	46	143
Swing-bridges.....	Bridges.....	14	21
Swings.....	Games and Toys.....	46	143
Switch-boards.....	Electricity.....	36	50
Switches, Electrical.....	Electricity.....	36	50
Switches, Hair.....	Toilet.....	132	161
Switches, Railway.....	Railways; 1.....	104	120
Switch-indicators.....	Signals.....	116	120
Switch-signals.....	Signals.....	116	120
Swivel-hooks.....	Clasps and Buckles.....	24	23
Swivel-hooks, Manufacture of.....	Hardware Manufactures.....	53F	23
Swords, Manufacture of.....	Hardware Manufactures.....	53A	44

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub- scription classification.
Sympiesometers	Measuring-Instruments . . .	73	101
Syringes	Pumps	103	118
Syringes, Catarrhal	Surgery	128	156
Syringes, Elastic-bulb	Surgery	128	156
Syringes, Enema	Surgery	128	156
Syringes, Eye	Surgery	128	156
Syringes, Hemorrhoidal	Surgery	128	156
Syringes, Penis	Surgery	128	156
Syringes, Vaginal	Surgery	128	156
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Table-bells, Manufacture of	Hardware Manufactures . . .	53B	24
Table-cars	Kitchen Utensils	65	62
Table-covers	Furniture	45	62
Table-forks	Cutlery	30	44
Table-furniture, Making sheet-metal	Sheet-Metal	113B	136
Table-knives	Cutlery	30	44
Table-leaf supporters	Furniture	45	62
Table-leaves, Jointing	Wood-Working ; 2	143	62
Table-mats	Kitchen Utensils	65	88
Tables	Furniture	45	62
Tables, Arithmetical	Measuring-Instruments	73	146
Tables, Card	Furniture	45	62
Tables, Computing	Measuring-Instruments	73	146
Tables, Drawing	Furniture	45	62
Tables, Extension	Furniture	45	62
Tables for glass-manufacture	Glass	49	68
Tables for molders	Casting	22	33
Tables, Ironing	Furniture	45	91
Tables, Operating	Furniture	45	62
Tables, Self-waiting	Furniture	45	62
Table, Sewing-machine	Sewing-Machines	45	134
Tables, Ships' cabin	Ships ; 1	114	137
Tables, Writing	Furniture	45	62
Table-trays	Kitchen Utensils	65	88
Tablets, Compositions for	Stationery	120	146
Tablets, Writing	Stationery	120	146
Tack-extractors	Wood-Working ; 4	145	29
Tackle and blocks	Hoisting	57	79
Tackle-blocks	Hoisting	57	79
Tackle, Hoisting	Ships ; 1	114	79
Tackle, Safety	Ships ; 1	114	79
Tacks	Nails	85	103
Tacks, Leathering	Nails	85	103
Tacks, Machines for making	Nails	85	103
Tag-holders	Stationery	120	146
Tag-machines, Paper	Paper Manufacture	93	108
Tags	Stationery	120	146
Tags, Machines for cutting shoe	Boots and Shoes	12	16
Tags, Printing	Printing	101	117
Tail-boards for wagons	Carriages and Wagons	21	31
Tailoring	Apparel	2	38
Tailors' ironing-machines	Apparel	2	38
Tail-supporters	Harness	54	72
Take-up motions for looms	Weaving	139	95
Tallies for grain, lumber, &c	Measuring-Instruments	73	42
Tallow	Oil, Fat, and Glue	87	26
Tallow, Treatment of	Oil, Fat, and Glue	87	26
Tank-cars	Railways ; 2	105	121

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub- scription classification.
Tanks for storage, Excavated.....	Masonry.....	72	51
Tanks for tenders.....	Steam; 3.....	123	94
Tanning.....	Tanning.....	129	92
Tanning-machines.....	Tanning.....	129	92
Tanning-materials.....	Tanning.....	129	92
Tanning-processes.....	Tanning.....	129	92
Tape.....	Weaving.....	139	17
Tape-fuses.....	Projectiles.....	102	105
Tape-primers.....	Projectiles.....	102	105
Tapes for skirts.....	Crinoline and Corsets.....	29	80
Tape-trimming, Machines for making.....	Sewing-Machines.....	112	17
Tape-worm, Apparatus for removing.....	Surgery.....	128	156
Taps.....	Bolts, Nuts, and Rivets.....	10	14
Taps for liquors.....	Valves.....	136	167
Tar, Extracting.....	Stills.....	124	47
Targets.....	Games and Toys.....	46	143
Tassels.....	Cordage.....	28	127
Tatting-machines.....	Knitting and Netting.....	66	89
Tatting-shuttles.....	Apparel.....	2	38
Tawing leather.....	Tanning.....	129	92
Tea-kettles.....	Stoves and Furnaces.....	126	136
Tea-pots.....	Stoves and Furnaces.....	126	154
Teazel-grading machines.....	Cloth.....	26	37
Teazeling cloth.....	Cloth.....	26	37
Teazel-trimmers.....	Garden and Orchard.....	47	63
Tedders, Hay.....	Harvesters.....	56	77
Teeth, Artificial.....	Dental.....	32	46
Teeth, artificial, Compositions for.....	Dental.....	32	46
Teeth, Insertable saw.....	Saws.....	110	136
Telegraphic codes.....	Electricity.....	36	50
Telegraphic signals.....	Electricity.....	36	50
Telegraph-instruments.....	Electricity.....	36	50
Telegraphs, Acoustic.....	Signals.....	116	50
Telegraphs, Electric.....	Electricity.....	36	50
Telegraphs, Electro-chemical.....	Electricity.....	36	50
Telegraphs, Electro-magnetic.....	Electricity.....	36	50
Telegraphs, Magneto-electric.....	Electricity.....	36	50
Telegraphs, Optical.....	Signals.....	116	158
Telegraphs, Pneumatic.....	Signals.....	116	158
Telegraph-posts.....	Fences.....	39	52
Telegraphs, Printing.....	Electricity.....	36	50
Telegraphs, Semaphoric.....	Signals.....	116	158
Telegraphs, Submarine.....	Electricity.....	36	50
Telephones.....	Electricity.....	36	50
Telescopes.....	Optics.....	88	157
Tellurians.....	Educational.....	35	146
Temperature-alarms.....	Signals.....	116	101
Tempering glass.....	Glass.....	49	68
Tempering steel.....	Metallurgy.....	75	85
Tempering tools.....	Metallurgy.....	75	85
Temples, Loom.....	Weaving.....	139	96
Temporary binders.....	Stationery.....	120	15
Tenaculums.....	Surgery.....	128	156
Tender-loaders.....	Hoisting.....	57	79
Tenders.....	Steam; 3.....	123	173
Tenoning-machines.....	Wood-Working; 2.....	143	173
Tenon-saws.....	Saws.....	110	131
Tension-devices for sewing-machines.....	Sewing-Machines.....	112	134
Tenter-bars for cloth.....	Cloth.....	26	38
Tents.....	Trunks.....	133	162

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub-description classification.
Terra cotta	Clay	25	115
Terrets, Manufacture of	Hardware Manufactures	53F	24
Tethers	Harness	54	72
Theatrical scenery and effects	Fine Arts	41	54
Theodolites	Optics	88	157
Therapeutic applications of heat, cold, air, vacuum	Surgery	128	156
Thermometers	Measuring-Instruments	73	101
Thermostats	Measuring-Instruments	73	101
Thill-couplings	Carriages and Wagons	21	31
Thill-couplings, Manufacture of	Hardware Manufactures	53C	31
Thills	Carriages and Wagons	21	31
Thill-tugs	Carriages and Wagons	21	31
Thimble-machines for vessels	Ships; 1	114	138
Thimbles, Nautical	Ships; 1	114	138
Thimbles	Apparel	2	38
Thrashing-floors	Thrashing	130	159
Thrashing-machines	Thrashing	130	159
Thread and spool boxes	Apparel	2	35
Thread assorting, balling, dressing, gassing, measuring, packaging, polishing, reeling, sizing, spooling, tying, winding	Cordage	28	17
Thread-controllers for sewing-machines	Sewing-Machines	112	134
Thread-cutters for sewing-machines	Sewing-Machines	112	134
Thread-cutters	Apparel	2	38
Thread-envelopes	Apparel	2	38
Threaders	Apparel	2	38
Thread-waxers for sewing-machines	Sewing-Machines	112	134
Thresholds	Carpentry	20	30
Throistles	Spinning	118	142
Throttle-valves	Valves	136	152
Throwing horses, Apparatus for	Harness	54	72
Throwing silk	Silk	117	141
Ticket-boxes	Stationery	120	146
Ticket-holders	Stationery	120	146
Ticket-punches	Clasps and Buckles	24	146
Ticket-racks	Stationery	120	146
Tickets, Railway	Stationery	120	146
Tidal docks	Hydraulic Engineering	61	82
Tidal valves	Hydraulic Engineering	61	82
Tide-basins	Hydraulic Engineering	61	82
Tide-gates	Hydraulic Engineering	61	82
Tide-powers	Hydraulic Engineering	61	82
Tide-powers	Mechanical Powers	74	82
Tide-wheels	Water-Wheels	138	167
Ties for bales	Presses	100	7
Ties, Railway	Railways; 1	104	120
Tightening standing rigging	Ships; 1	114	138
Tile-laying plows	Plows	97	114
Tile-machines	Clay	25	20
Tiles, Drain	Clay	25	20
Tiles, Fire	Clay	25	20
Tiles, Floor	Clay	25	20
Tiles, Garden	Clay	25	20
Tiles, Mosaic	Clay	25	20
Tiles, Paving	Clay	25	20
Tiles, Roofing	Clay	25	20
Tiling for roofs	Roofing	108	126
Timber, Preservation of	Chemical Miscellaneous	23	35

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub-description classification.
Time-balls, Electrical	Electricity	36	50
Time-indicators, Automatic	Horology	58	36
Time-indicators, (<i>non-automatic</i>)	Stationery	120	146
Time-fuses	Projectiles	102	105
Time-locks	Locks and Latches	70	93
Time-registers	Horology	58	36
Time-reporters	Horology	58	36
Time-tables	Stationery	120	146
Timothy-headers	Harvesters	56	75
Tin cans and boxes, Making	Sheet-Metal	113B	136
Tinmen's shears	Cutlery	30	44
Tinners' tools	Metal-Working; 6	81A	136
Tinning	Plating	96	113
Tin-plate working	Sheet-Metal	113A	136
Tin-scrap, Utilizing	Sheet-Metal	113A	136
Tippets	Apparel	2	38
Tips, Shoe	Boots and Shoes	12	16
Tire-coolers	Metal-Working; 3	78	60
Tire-making	Metal-Working; 3	78	60
Tires, Bending and upsetting	Metal-Working; 3	78	60
Tire-setters	Wood-Working; 3	144	60
Tires, Making	Metal-Working; 3	78	60
Tires, Securing	Carriages and Wagons	21	31
Tires, Tightening	Carriages and Wagons	21	31
Tire-tighteners	Carriages and Wagons	21	31
Tire-upsetting	Metal Working; 3	78	60
Toasters	Stoves and Furnaces	126	154
Tobacco-cartridges	Tobacco	131	160
Tobacco-curing	Garden and Orchard	47	160
Tobacco-curing, (<i>except Drying, Class 34</i>)	Tobacco	131	160
Tobacco-cutting	Tobacco	131	160
Tobacco-dryers	Dryers and Kilns	34	48
Tobacco-flavoring	Tobacco	131	160
Tobacco, Flavoring	Chemical Miscellaneous	23	160
Tobacco-granulating machines	Tobacco	131	160
Tobacco-hooks	Tobacco	131	160
Tobacco packing	Tobacco	131	160
Tobacco-paper	Paper-Making	92	108
Tobacco-pipes	Tobacco	131	160
Tobacco-pipes, Machines for making wooden	Wood-Working; 1	142	175
Tobacco-pipe stems	Tobacco	131	160
Tobacco-pouches	Tobacco	131	160
Tobacco-preparing	Tobacco	131	160
Tobacco-presses	Presses	100	7
Tobacco-sheeting	Tobacco	131	160
Tobacco-stemming	Tobacco	131	160
Tobacco-stoppers	Tobacco	131	160
Toe-caps	Boots and Shoes	12	16
Toilet-mirrors	Furniture	45	62
Tolling devices for grain-mills	Mills	83	57
Tombstones	Fine Arts	41	54
Tompions	Ordnance	89	105
Tongues, Carriage and wagon	Carriages	21	31
Tongs, Blacksmiths'	Metal-Working; 6	81A	60
Tongs, Oyster	Fishing	43	143
Tongs, Pipe	Metal-Working; 6	81A	100
Tonsils, Instruments for operating on the	Surgery	128	156

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub- scriptive classification.
Tool-grinding	Grinding and Polishing.....	51	70
Tool-handles, (<i>except Turning, Class 142</i>).....	Wood-Working; 4	145	175
Tool-holders	Wood-Working; 4	145	172
Tool-holders for grindstones	Grinding and Polishing.....	51	70
Tool-holders for lathes	Metal-Working; 7	82	100
Tool-rests for lathes.....	Metal-Working; 7	82	100
Tool-rests for wood-lathes.....	Wood-Working; 1	142	172
Tools for glass manufacture	Glass	49	68
Tools for metal-lathes, Turning.....	Metal-Working; 7	82	100
Tools for molding clay	Clay.....	25	115
Tools for scaling boilers	Steam; 2	122	149
Tools for wood-lathes	Wood-Working; 1	142	172
Tools for wood-working.....	Wood-Working; 4	145	174
Tools for working sheet-metal.....	Sheet-Metal.....	113A	136
Tools for working wire.....	Wire-Working	140	170
Tool-stocks	Wood-Working; 4	145	172
Tools to handles, Attaching	Wood-Working; 4	145	175
Tooth-brushes	Brushes and Brooms.....	15	161
Tooth-picks	Toilet	132	161
Tooth-picks, Machines for making	Wood-Working; 3	144	174
Tooth-powder	Chemical Miscellaneous.....	23	161
Topical applications, Appliances for.....	Surgery	128	156
Tops, Carriage	Carriages and Wagons.....	21	31
Tops, Spinning	Games and Toys	46	143
Torpedoes	Projectiles	102	105
Torpedoes for oil-wells	Projectiles	102	105
Torpedoes, Submarine	Projectiles	102	105
Torpedo-vessels	Ships; 1	114	137
Tortoise-shell, Machines for working in.....	Wood-Working; 3	144	176
Tourniquets	Surgery	128	156
Tournures	Crinoline and Corsets.....	29	80
Tow-hooks	Ships; 1	114	137
Tow-lines	Ships; 1	114	127
Towel-racks	Furniture	45	62
Towel-stands	Furniture	45	62
Toy-blocks	Games and Toys	46	143
Toys	Games and Toys	46	143
Trace-couplings	Harness	54	72
Traces	Harness	54	72
Traces, Safety-attachment of	Carriages and Wagons.....	21	31
Tracing-table.....	Fine Arts	41	54
Track-clearers	Railways; 3	106	120
Track-clearers for narvesters	Harvesters.....	56	74
Tracking vessels	Ships; 1	114	137
Track-layers' tools, Manufacture of	Metal-Working; 6	81B	100
Track-laying railways.....	Railways; 1	104	120
Track raisers, Railway	Railways; 1	104	120
Track raisers, Railway	Hoisting	57	120
Traction-engines	Steam; 3	123	94
Traction-wheels	Carriages and Wagons.....	21	67
Trainways for ferry-boats	Hydraulic Engineering.....	61	82
Trammels	Drafting	33	97
Tramming millstones	Mills	83	57
Tram-staffs for mills	Mills	83	57
Transfer, Methods of pictorial	Fine Arts	41	54
Transit-instruments.....	Optics	88	157
Transmitting motion, Apparatus for	Mechanical Powers.....	74	67
Transplanting-machines.....	Garden and Orchard	47	63
Transplanting-tools	Garden and Orchard	47	63
Trap-doors	Carpentry	20	30

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub-description classification.
Traps, Animal	Games and Toys	46	143
Traps, Bird	Games and Toys	46	143
Traps, Curculio	Garden and Orchard	47	63
Traps, Earth-worm	Garden and Orchard	47	63
Traps, Fish	Fishing	43	143
Traps for gutters	Paving	94	110
Traps, Household insect	Furniture	45	143
Traps in pavements, Coal	Paving	94	110
Traps, Steam	Steam; 1	121	150
Traps, Stench	Baths and Closets	4	8
Traps, Water	Baths and Closets	4	8
Travelers for masts and booms	Ships; 1	114	138
Traveling-bags	Trunks	133	162
Traveling-flasks	Trunks	133	162
Traverses of guns	Ordnance	89	105
Trays, Dish	Kitchen Utensils	65	88
Trays, Food	Kitchen Utensils	65	88
Trays, Fruit	Kitchen Utensils	65	88
Trays, Machines for making wooden	Wood-Working; 3	144	174
Trays, Tea	Kitchen Utensils	65	88
Treadle-machines	Mechanical Powers	74	67
Treadles	Mechanical Powers	74	67
Tree-boxes	Garden and Orchard	47	63
Tree-diggers	Garden and Orchard	47	63
Tree-dwarfers	Garden and Orchard	47	63
Treenails	Ships; 1	114	138
Treenails, Machines for making	Wood-Working; 1	142	174
Treenails, Machines for turning	Wood-Working; 1	142	172
Tree-planter	Garden and Orchard	47	63
Tree-protectors	Garden and Orchard	47	63
Trees, Boot	Boots and Shoes	12	16
Trees, Saddle	Harness	54	72
Tree-training	Garden and Orchard	47	63
Trellises	Garden and Orchard	47	63
Trellises, Grape	Garden and Orchard	47	63
Trellises, Hop	Garden and Orchard	47	63
Tremolo-attachments for musical instruments	Music	84	106
Trenches	Excavators	37	51
Trephines	Surgery	128	156
Trimnings for garments	Apparel	2	38
Trimming vessels	Ships; 1	114	138
Tripods, Surveyors'	Optics	88	157
Trolling-devices	Fishing	43	143
Troughs, Feed	Stabling	119	144
Troughs, Machines for making wooden	Wood-Working; 3	144	174
Trowels, Bricklayers'	Masonry	72	4
Trowels, Garden	Garden and Orchard	47	63
Trowels, Manufacture of	Metal-Working; 6	81B	100
Trowels, Plasterers'	Masonry	72	4
Trucks	Carriages and Wagons	21	31
Trucks, Car	Railways; 3	106	121
Trumpets	Music	84	102
Trunk-corners	Trunks	133	162
Trunk-frames	Trunks	133	162
Trunk-guards	Trunks	133	162
Trunk-handles	Trunks	133	162
Trunk-labels	Stationery	120	146
Trunk-lid guides	Trunks	133	162
Trunk-lid supporters	Trunks	133	162

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub- scriptio n classification.
Trunk-locks	Locks and Latches	70	93
Trunk-rivets, Manufacture of	Hardware Manufactures	53J	24
Trunk-rollers	Trunk-Rollers	16	162
Trunks	Trunks	133	162
Trunks and traveling-bags, Special tools for	Trunks	133	162
Trunk-stays	Trunks	133	162
Trunnions for steam-engines	Steam; 1	121	150
Truss-bridges	Bridges	14	21
Trusses	Surgery	128	156
Trusses for bridges, floors, and roofs	Bridges	14	21
Trusses for vessels	Ships; 1	114	137
Trusses of iron or wood	Bridges	14	21
Truss-hoops	Ships; 1	114	40
Tube-cleaners for steam-boilers	Steam; 2	122	149
Tube-couplings	Water-Distribution	137	167
Tube-expanders	Metal-Working; 6	81A	100
Tube-filters	Water-Distribution	137	167
Tube-plugs for steam-boilers	Steam; 2	122	149
Tubes	Tubing and Wire	134	163
Tubes, Bushing	Tubing and Wire	134	163
Tubes, Casing	Tubing and Wire	134	163
Tubes for steam-boilers	Steam; 2	122	149
Tube-sheets	Steam; 2	122	125
Tube-sheets, Punching	Metal-Working; 4	79	119
Tubes, Ornamenting	Tubing and Wire	134	163
Tube-wells	Excavators	37	51
Tubing	Tubing and Wire	134	51
Tubing, Coating of elastic	Hose and Belting	60	64
Tubing, Compositions for elastic	Hose and Belting	60	64
Tubing, Elastic	Hose and Belting	60	64
Tubing for gas, Flexible	Hose and Belting	60	64
Tubing, Lining of elastic	Hose and Belting	60	64
Tubing, Well	Excavators	37	51
Tubs, Machines for making leather	Leather	69	92
Tubular boilers	Steam; 2	122	149
Tubular bridges	Bridges	14	21
Tuckers for sewing-machines	Sewing-Machines	112	134
Tug-carriers	Harness	54	72
Tumblers for small castings	Casting	22	33
Tumbler-washers	Kitchen Utensils	65	88
Tumbling-boxes	Casting	22	33
Tuning instruments	Music	84	102
Tunneling, Rock	Stone, Lime, and Cement	125	153
Tunnels, Iron	Hydraulic Engineering	61	82
Tunnels, Sub-aqueous	Hydraulic Engineering	61	82
Turbines	Water-Wheels	138	167
Turf-cutters	Garden and Orchard	47	114
Turf-cutting machines	Plows	97	114
Turning cannon	Metal-Working; 7	82	100
Turning balls, bullets, and shells	Metal-Working; 7	82	100
Turning gun-barrels	Metal-Working; 7	82	100
Turning irregular forms	Wood-Working; 1	142	172
Turning lathes, Metal	Metal-Working; 7	82	100
Turning stone	Stone, Lime, and Cement	125	153
Turnip-peelers	Kitchen Utensils	65	88
Turnip-toppers	Garden and Orchard	47	63
Turn-out, Railway	Railways; 1	104	120
Turn-tables, Railway	Railways; 1	104	120
Turpentine-stills	Stills	124	47

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub-description classification.
Turrets.....	Ordnance.....	89	105
Turtles.....	Printing.....	101	117
Tuyeres.....	Pneumatics.....	98	12
Tuyeres, Manufacture of.....	Metal-Working; 6.....	81B	12
Twine-cutters.....	Cutlery.....	30	44
Twine-holders.....	Furniture.....	45	24
Twine-machines.....	Cordage.....	28	127
Twist-drills.....	Metal-Working; 2.....	77	100
Twisting bars, rods, and fagots.....	Metal-Working; 1.....	76	125
Twisting silk.....	Silk.....	117	140
Twisting wire.....	Wire-Working.....	140	170
Twist-lace machines.....	Knitting and Netting.....	66	89
Tying yarn.....	Cordage.....	28	17
Type.....	Printing.....	101	117
Type, Casting.....	Printing.....	101	164
Type, Composing.....	Printing.....	101	117
Type-cutting machines.....	Metal-Working; 7.....	82	164
Type, Distributing.....	Printing.....	101	117
Type-finishing.....	Printing.....	101	164
Type, Flexible.....	Printing.....	101	164
Type, Founding.....	Printing.....	101	164
Type-scouring.....	Printing.....	101	164
Type-setting.....	Printing.....	101	117
Type-writing machines.....	Printing.....	101	117
Typography.....	Printing.....	101	117
U.			
Umbrella and cane combined.....	Umbrellas and Fans.....	135	165
Umbrella-cases.....	Umbrellas and Fans.....	135	165
Umbrella-covers.....	Umbrellas and Fans.....	135	165
Umbrella-fasteners.....	Umbrellas and Fans.....	135	165
Umbrella-ferrules.....	Umbrellas and Fans.....	135	165
Umbrella-frames.....	Umbrellas and Fans.....	135	165
Umbrella-joints.....	Umbrellas and Fans.....	135	165
Umbrella ribs and stretchers.....	Umbrellas and Fans.....	135	165
Umbrella-runners.....	Umbrellas and Fans.....	135	165
Umbrellas.....	Umbrellas and Fans.....	135	165
Umbrella-supporters.....	Umbrellas and Fans.....	135	165
Umbrella-supporters on carriages.....	Carriages and Wagons.....	21	31
Umbrella-tips.....	Umbrellas and Fans.....	135	165
Umbrella-trimmings, Manufacture of.....	Hardware Manufactures.....	53I	165
Under-garments, (except Knitted, Class 66).....	Apparel.....	2	38
Under-sleeves.....	Apparel.....	2	38
Universal joints.....	Mechanical Powers.....	74	67
Unloading-machines.....	Hoisting.....	57	79
Untwisting rope, Machines for.....	Cordage.....	28	127
Upholstering-stuffing.....	Beds.....	5	62
Upholstery.....	Furniture.....	45	62
Uppers, Machines for cutting.....	Boots and Shoes.....	12	16
Upsetting machines, Tire.....	Metal-Working; 3.....	78	60
Upsetting metals.....	Metal-Working; 3.....	78	60
Urinals.....	Baths and Closets.....	4	8
Urinals, Portable.....	Baths and Closets.....	4	8
Urinometers.....	Measuring-Instruments.....	73	156
Urn-stands.....	Kitchen Utensils.....	65	88
Urn-stands and heaters.....	Stoves and Furnaces.....	126	154
Urns for coffee, &c.....	Stoves and Furnaces.....	126	154

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub- scription classification.
Uterine sounds	Surgery	128	156
Uterine suppositories	Surgery	128	156
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Vaccinators	Surgery	128	156
Vacuum-cups	Surgery	128	156
Vacuum-gauges for steam-engines	Measuring-Instruments	73	150
Vacuum-pans	Sugar	127	155
Vacuum-pumps	Pumps	103	118
Valances	Beds	5	62
Valise-locks	Locks and Latches	70	162
Valises	Trunks	133	162
Valve-gear for steam-engines	Steam; 1	121	152
Valve-motions for locomotives	Steam; 3	123	152
Valve-regulators	Valves	136	152
Valves, Arrangement of	Valves	136	152
Valves, Automatic	Valves	136	152
Valves, Back-pressure	Valves	136	152
Valves, Balance	Valves	136	152
Valves, Butterfly	Valves	136	152
Valves, Check	Valves	136	152
Valves, Clack	Valves	136	152
Valves, Core	Valves	136	152
Valves, Cut-off	Valves	136	152
Valves, Disk	Valves	136	152
Valve-seats	Valves	136	152
Valves, Escape	Valves	136	152
Valves for draining tidal lands	Hydraulic Engineering	61	82
Valves for gas-engines	Valves	136	2
Valves for submarine ordnance	Ordnance	89	105
Valves for syringes	Valves	136	118
Valves, Globe	Valves	136	152
Valves, Governor	Valves	136	152
Valves, Oscillating	Valves	136	152
Valves, Piston	Valves	136	152
Valves, Pump	Valves	136	118
Valves, Puppet	Valves	136	152
Valves, Relief	Valves	136	152
Valves, Rotary	Valves	136	152
Valves, Safety	Valves	136	152
Valves, Slide	Valves	136	152
Valves, Spring-balance	Valves	136	152
Valves, Steam	Valves	136	152
Valves, Stop	Valves	136	152
Valves, Throttle	Valves	136	152
Valves, Trimmer	Valves	136	152
Valves, Water-closet	Valves	136	8
Valve-tubes	Valves	136	152
Vanes	Measuring-Instruments	73	118
Vapor-burners	Lamps and Gas-Fittings	67	90
Vapor-engines, (except steam)	Pneumatics	98	2
Vapor-inhalers	Surgery	128	156
Vapor-lamps	Lamps and Gas-Fittings	67	90
Variable exhaust for steam-engines	Steam; 3	123	150
Varicose veins, Bandages for	Surgery	128	156
Varnishes	Paint	91	107
Varnishing-machines	Paint	91	107
Vats, Tanning	Tanning	129	92
Vault-covers	Paving	94	110
Vault-lights	Paving	94	110

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub-description classification.
Vaults	Masonry	72	4
Vaults, Safe	Safes	109	128
Vegetable-assorters	Garden and Orchard	47	59
Vegetable-boilers	Stoves and Furnaces	126	154
Vegetable-cutters	Stabling	119	59
Vegetable parchment	Paper-Making	92	108
Vegetable-peelers	Kitchen Utensils	65	88
Vegetable-slicers	Stabling	119	59
Vegetables, Preserving	Preserving Food	99	58
Vegetable-washers	Stabling	119	59
Vegetable-washers	Kitchen Utensils	65	88
Vehicles	Carriages and Wagons	21	31
Veils	Apparel	2	38
Velinches	Water-Distribution	137	167
Velocimeters	Measuring-Instruments	73	42
Velocipedes	Carriages and Wagons	21	31
Veneering	Wood-Working ; 3	144	176
Veneering-tools	Wood-Working ; 3	144	176
Veneer-saws	Saws	110	130
Veneers, Machines for cutting	Wood-Working ; 3	144	176
Veneers, Machines for planing	Wood-Working ; 3	144	176
Veneers, Machines for polishing	Wood-Working ; 3	144	176
Veneers, Machines for pressing	Wood-Working ; 3	144	176
Veneers, Machines for straightening	Wood-Working ; 3	144	176
Ventilating-cores	Casting	22	33
Ventilating hay and grain	Stabling	119	144
Ventilating millstones	Mills	83	57
Ventilation by heated air	Pneumatics	98	166
Ventilation by hot water	Pneumatics	98	166
Ventilation by steam	Pneumatics	98	166
Ventilation of cars	Pneumatics	98	166
Ventilation of grain	Pneumatics	98	166
Ventilation of halls	Pneumatics	98	166
Ventilation of houses	Pneumatics	98	166
Ventilation of mines	Pneumatics	98	166
Ventilation of ships	Pneumatics	98	166
Ventilators	Pneumatics	98	166
Ventilators for boots	Boots and Shoes	12	16
Ventilators, Hat	Felting and Hats	38	76
Ventilators, Plenum	Pneumatics	98	166
Ventilators, Vacuum	Pneumatics	98	166
Vents for barrels	Aëration and Bottling	1	40
Vents of ordnance	Ordnance	89	105
Vent-stoppers	Ordnance	89	105
Vermin-destroying compounds	Chemical Miscellaneous	23	98
Verniers	Measuring-Instruments	73	97
Vessels	Ships ; 1	114	137
Vessels, Armor for	Ships ; 1	114	137
Vessels, Construction of	Ships ; 1	114	137
Vessels, Grain-levelers for	Ships ; 1	114	137
Vessels, Iron	Ships ; 1	114	137
Vessels, Iron-clad	Ships ; 1	114	137
Vessels, Launching	Hydraulic Engineering	61	137
Vessels, Loading and unloading, Machinery for	Hoisting	57	79
Vessels, Propulsion of	Ships ; 2	115	139
Vessels, Steam	Ships ; 1	114	137
Vessels, Submarine	Ships ; 1	114	137
Vessels, Torpedo	Ships ; 1	114	137
Vessels, Trimming	Ships ; 1	114	137

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub- scription classification.
Vests.....	Apparel.....	2	38
Viaducts.....	Bridges.....	14	21
Vine cutter, Potato.....	Plows.....	97	114
Vinegar-apparatus.....	Beer and Wine.....	7	19
Vinegar processes.....	Beer and Wine.....	7	19
Vine-locks.....	Garden and Orchard.....	47	63
Vine-supports.....	Garden and Orchard.....	47	63
Vine-trellises.....	Garden and Orchard.....	47	63
Violin-attachments.....	Music.....	84	102
Violin-bows.....	Music.....	84	102
Violins.....	Music.....	84	102
Violin-screws.....	Music.....	84	102
Violin sound-boards.....	Music.....	84	102
Violoncellos.....	Music.....	84	102
Vise-making, Machinists'.....	Metal-Working; 3.....	78	100
Vises, Carpenters'.....	Wood-Working; 4.....	145	29
Vises, Machinists'.....	Metal-Working; 6.....	81A	100
Visiting-cards.....	Stationery.....	120	146
Vitreography.....	Fine Arts.....	41	54
Vitreous enamels.....	Glass.....	49	68
Voltaic apparatus.....	Electricity.....	36	50
Voltaic baths.....	Electricity.....	36	50
Voltaic batteries.....	Electricity.....	36	50
Voltaic instruments.....	Electricity.....	36	50
Voltmeters.....	Electricity.....	36	50
Votes, Instruments for recording.....	Measuring-Instruments.....	73	42
Vulcanite.....	Caoutchouc.....	18	84
Vulcanizing-flasks for dentists' uses.....	Caoutchouc.....	18	84
Vulcanizing-furnaces.....	Caoutchouc.....	18	84
Vulcanizing-processes.....	Caoutchouc.....	18	84
W.			
Wadding.....	Carding.....	19	28
Wadding-machines.....	Carding.....	19	28
Wad-punches.....	Clasps and Buckles.....	24	23
Wads, Machines for making leather.....	Leather.....	69	72
Waffle-irons.....	Stoves and Furnaces.....	126	154
Wagon-bolsters.....	Carriages and Wagons.....	21	31
Wagons.....	Carriages and Wagons.....	21	31
Wagons, Dumping.....	Carriages and Wagons.....	21	31
Wagon-seats.....	Carriages and Wagons.....	21	31
Wagons, Unloading-attachment for.....	Carriages and Wagons.....	21	31
Wagon-tongue supporters.....	Carriages and Wagons.....	21	31
Wainscoting, Making.....	Wood-Working; 3.....	144	30
Wall-covering, Ornamental.....	Fine Arts.....	41	54
Wall-paper hanging.....	Fine Arts.....	41	107
Wall-paper printing.....	Printing.....	101	117
Wall-paper trimmers.....	Paper Manufacture.....	93	107
Wall-protectors.....	Furniture.....	45	62
Wall-shields.....	Furniture.....	45	62
Walls, (other than wooden).....	Masonry.....	72	4
Wardrobes.....	Furniture.....	45	62
Warp-beams.....	Weaving.....	139	96
Warp-dressing.....	Cordage.....	28	127
Warping-bitts.....	Ships; 1.....	114	137
Warping-checks.....	Ships; 1.....	114	137
Warping-machines.....	Cordage.....	28	127
Wash-basins.....	Baths and Closets.....	4	8
Wash-benches.....	Laundry.....	68	90

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub- scription classification.
Wash-boards	Laundry	68	90
Wash-boards, Machines for making	Wood-Working; 2	143	174
Wash-boilers	Laundry	68	136
Washer-making machines, Metallic	Bolts, Nuts, and Rivets	10	14
Washer-punches	Clasps and Buckles	24	23
Washers, Gold	Ore	90	3
Washers, Machines for making leather	Leather	69	72
Washers, Metallic	Bolts, Nuts, and Rivets	10	14
Washing-compositions	Oil, Fat, and Glue	87	26
Washing-compounds	Chemical Miscellaneous	23	91
Washing-machines	Laundry	68	91
Washing-tables	Ore	90	91
Wash-stands	Baths and Closets	4	8
Watch and fob chains, Manufacture of	Hardware Manufactures	53E	86
Watch-cases	Horology	58	36
Watch-chains	Jewelry	63	86
Watch-clocks, Electrical	Electricity	36	36
Watch-dials	Horology	58	36
Watches, Manufacture of	Hardware Manufactures	53E	36
Watches	Horology	58	36
Watch-keys	Horology	58	36
Watchmakers' lathes	Metal-Working; 7	82	36
Watchmakers' tools	Metal-Working; 6	81A	36
Watchman's time-registers	Horology	58	36
Watch-motions	Horology	58	36
Watch-springs	Horology	58	36
Water-backs for ranges and stoves	Stoves and Furnaces	126	154
Water-closets	Baths and Closets	4	8
Water-closets, Appliances of	Baths and Closets	4	8
Water-closet valves	Valves	136	8
Water-coolers	Ice	62	58
Water-elevators	Pumps	103	118
Waterfall head-dresses	Toilet	132	161
Water-gauges for steam-boilers	Steam; 2	122	148
Water-gauges for steam-boilers, Registering-devices of	Measuring-Instruments	73	148
Water-gauges, Registering-devices of	Measuring-Instruments	73	148
Water-heaters for steam-boilers	Steam; 2	122	147
Water-indicators for steam-boilers	Steam; 2	122	148
Water-marks in paper	Paper-Making	92	108
Water-meters, Registering-devices of	Measuring-Instruments	73	167
Water-pressure regulating-valves	Valves	136	167
Water-proofing compounds	Paint	91	107
Water-proofing leather	Tanning	129	92
Water-proofing paper	Paper-Making	92	108
Water-proofing processes	Paint	91	107
Water-proof safes	Safes	109	128
Water pumps, Feed	Steam; 2	122	118
Water-purifiers for steam-boilers	Steam; 2	122	148
Water-rams	Pumps	103	118
Water-tanks for railways, &c	Water-Distribution	137	118
Water-traps	Baths and Closets	4	8
Water-valves	Valves	136	167
Water-wheels	Water-Wheels	138	167
Wave-powers	Hydraulic Engineering	61	82
Wax-cutting machines	Oil, Fat, and Glue	87	26
Waxed-ends, Machines for twisting	Boots and Shoes	12	16
Waxing thread, Machines for	Boots and Shoes	12	16
Wax	Oil, Fat, and Glue	87	26

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub- scriptive classification.
Wax-thread heaters for sewing-machines	Sewing-Machines	112	134
Wax, Treatment of	Oil, Fat, and Glue	87	26
Weather-boarding	Carpentry	20	30
Weather-guides	Measuring-Instruments	73	101
Weather-strips	Carpentry	20	30
Weather-strips, (metallic,) Manufacture of	Hardware Manufactures	53B	136
Weavers' harness, Machines for making	Weaving	139	72
Weaving and working human hair	Toilet	132	161
Weaving baskets	Weaving	139	169
Web-saws	Saws	110	131
Wedges, Machines for making	Wood-Working; 3	144	174
Weeding-implements	Garden and Orchard	47	63
Weed-pullers	Garden and Orchard	47	63
Weft-forks	Weaving	139	96
Weighing-apparatus	Measuring-Instruments	73	132
Weighing-apparatus, Electrical	Electricity	36	132
Weighing-buckets	Measuring-Instruments	73	132
Weighing-scales	Measuring-Instruments	73	132
Weights, Sash	Builders' Hardware	16	24
Weirs	Hydraulic Engineering	61	82
Welded-pipe making	Tubing and Wire	134	163
Welding-apparatus	Metal-Working; 3	78	60
Welding-compounds	Metallurgy	75	100
Well-boring, (except Rock, Class 125)	Stone, Lime, and Cement	125	51
Well-curbs	Water-Distribution	137	118
Well-digging	Excavators	37	51
Wells, Artesian	Stone, Lime and Cement	125	124
Wells, Driven	Water-Distribution	137	51
Well-tubes	Water-Distribution	137	51
Well-tubes, Filters for	Water-Distribution	137	51
Well-tubes, Packing for	Water-Distribution	137	51
Well-tubes, Strainers for	Water-Distribution	137	51
Well-tubing	Water-Distribution	137	51
Welting cord	Cordage	28	127
Welts	Boots and Shoes	12	16
Welts, Machines for forming	Boots and Shoes	12	16
Welts, Machines for trimming	Boots and Shoes	12	16
Wet-docks	Hydraulic Engineering	61	82
Whalebone, Machines for dressing	Wood-Working; 3	144	176
Whalebone, Machines for splitting	Wood-Working; 3	144	176
Whaling-apparatus, Electrical	Electricity	36	50
Wharf-boats	Ships; 1	114	137
Wharfs	Hydraulic Engineering	61	82
Wharfs, Floating	Ships; 1	114	137
Wheelbarrows	Carriages and Wagons	21	31
Wheel-heads	Spinning	118	142
Wheel-presses, (not Hydraulic, Class 103)	Presses	100	7
Wheels, Car	Railways; 3	106	122
Wheels, Fly	Mechanical Powers	74	67
Wheels for vehicles	Carriages and Wagons	21	31
Wheels, (metallic,) Manufacture of	Hardware Manufactures	53C	33
Wheel-spokes	Carriages and Wagons	21	31
Wheels to axles, Securing	Carriages and Wagons	21	31
Wheelwrights' machines	Wood-Working; 3	144	175
Wheelwrights' tools of metal, Manufacture of	Metal-Working; 6	81B	100
Wheelwrights' wood-working tools	Wood-Working; 4	145	100
Whetstones	Grinding and Polishing	51	70

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub-description classification.
Whiffletrees	Carriages and Wagons	21	31
Whip-hangers	Harness	54	72
Whipping cloth	Cloth	26	37
Whip-racks	Harness	54	72
Whips	Harness	54	72
Whip-saws	Saws	110	131
Whips, Machines for making leather	Leather	69	72
Whip-sockets	Carriages and Wagons	21	31
Whip-stocks	Harness	54	72
Whistles, Electrical	Electricity	36	50
Whistles for steam-boilers	Steam; 2	122	149
White-lead machinery	Paint	91	107
White-lead processes	Paint	91	107
Whitening leather	Tanning	129	92
White rubber	Caoutchouc	18	84
Wicks, Compositions for treating	Lamps and Gas-Fittings	67	90
Wick-trimmers	Lamps and Gas-Fittings	67	90
Wigs	Toilet	132	161
Willow-peeling	Wood-Working; 3	144	169
Willow-shaving machines	Wood-Working; 3	144	169
Winches	Hoisting	57	79
Wind-chests for organs	Music	84	106
Winding-bobbins	Cordage	28	17
Winding cord, cordage, fishing-lines, rope, thread, warp, yarn	Cordage	28	17
Winding silk	Silk	117	140
Winding-spools	Cordage	28	17
Wind-instruments	Music	84	106
Windlasses	Hoisting	57	79
Wind-mills	Pneumatics	98	118
Window-alarms	Signals	116	24
Window-blinds	Carpentry	20	30
Window-blinds, Movable	Furniture	45	62
Window-buttons	Builders' Hardware	16	24
Window-fasteners	Builders' Hardware	16	24
Window-glass	Glass	49	68
Window-illuminators	Lamps and Gas-Fittings	67	90
Window-locks	Builders' Hardware	16	93
Window-mirrors	Furniture	45	62
Window-operators	Builders' Hardware	16	24
Window-reflectors	Lamps and Gas-Fittings	67	90
Windows	Carpentry	20	30
Window-sash, (metallic,) Manufacture of	Hardware Manufactures	53B	4
Window-screens	Carpentry	20	30
Windows for railway-cars	Railways; 2	105	30
Window-shades	Furniture	45	62
Window-shutters	Carpentry	20	30
Window-supporters	Builders' Hardware	16	24
Window-washers	Furniture	45	62
Wind-wheels	Pneumatics	98	118
Wine-ageing	Beer and Wine	7	19
Wine-making	Beer and Wine	7	19
Wine-presses	Presses	100	19
Wines, Treatment of	Beer and Wine	7	19
Winnowing-machines	Thrashing	130	159
Wire-annealing	Metallurgy	75	163
Wire-bending	Wire-Working	140	170
Wire, Braided thread-covering	Cordage	28	127
Wire brushes	Wire-Working	140	170

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub- scriptio n classifica- tion.
Wire cables	Wire-Working	140	170
Wire-cloth crimping, Machines for	Wire-Working	140	170
Wire coiling	Wire-Working	140	163
Wire covering	Wire-Working	140	163
Wire dish-covers, Making	Wire-Working	140	163
Wire dish-stands, Making	Wire-Working	140	170
Wire-drawing	Wire-Working	140	163
Wire fabrics	Wire-Working	140	170
Wire fences	Fences	39	52
Wire fences, Panels for	Wire-Working	140	52
Wire ferriage	Hydraulic Engineering	61	82
Wire for hoops of skirts	Crinoline and Corsets	29	80
Wire gauze	Wire-Working	140	170
Wire heddles for weavers' harness, Making	Wire-Working	140	170
Wire, Looms for weaving	Weaving	139	170
Wire-making	Tubing and Wire	134	163
Wire-pointing	Wire-Working	140	163
Wire-rolling	Tubing and Wire	134	163
Wire ropes	Wire-Working	140	163
Wire screens	Wire-Working	140	170
Wire sifters	Wire-Working	140	170
Wire springs, Making	Wire-Working	140	170
Wire straightening	Wire-Working	140	163
Wire strainers	Wire-Working	140	170
Wire-stretchers for fences	Fences	39	52
Wire-twisting	Wire-Working	140	163
Wire-ways	Railways; 1	104	120
Wire with wire for skirt-hoops, &c., Covering	Wire-Working	140	80
Wire-working for ornamental fences	Wire-Working	140	52
Wiring sheet-metal ware	Sheet-Metal	113A	136
Withes, Machines for twisting	Wood-Working; 3	144	174
Wood and asphalt pavements combined	Paving	94	110
Wood and iron pavements combined	Paving	94	110
Wood and stone pavements combined	Paving	94	110
Wood, Artificial	Chemical Miscellaneous	23	35
Wood-bending machines	Wood-Working; 3	144	176
Wood-bundling machines	Wood-Working; 3	144	174
Wooden bowls, Machines for making	Wood-Working; 3	144	172
Wooden boxes, Machines for turning	Wood-Working; 1	142	172
Wooden bridges	Bridges	14	21
Wood-engraving	Fine Arts	41	54
Wooden pavements	Paving	94	110
Wooden pins, Machines for turning	Wood-Working; 1	142	172
Wooden screws, Machines for turning	Wood-Working; 1	142	172
Wooden trays, Machines for making	Wood-Working; 3	144	172
Wooden ware, Machines for making	Wood-Working; 3	144	172
Wood for paper, Treating	Paper-Making	92	108
Wood-gear cutting	Wood-Working; 3	144	172
Wood-lathes	Wood-Working; 1	142	172
Wood-polishing machines	Wood-Working; 3	144	173
Wood, Preservation of	Chemical Miscellaneous	23	35
Wood-screws	Wood-Screws	141	171
Wood-screws, Machines for making	Wood-Screws	141	171
Wood-splitting machines	Wood-Working; 3	144	174
Wood-work of buildings	Carpentry	20	30
Wool-burring machines	Carding	19	28
Wool-cleaning machines	Carding	19	28
Wool, Compositions for treating	Chemical Miscellaneous	23	35

SUBJECT.	Name of class—official classification.	No. of class—official classification.	No. of class—sub-description classification.
Wool-dryers	Dryers and Kilns	34	48
Wool-oiling machines	Carding	19	28
Wool-packers	Presses	100	7
Wool-presses	Presses	100	7
Wool, Removing suint and grease from	Oil, Fat, and Glue	87	26
Wool-tyers	Presses	100	135
Wool-washing machines	Laundry	68	135
Work-baskets	Apparel	2	38
Work boxes, Sewing	Apparel	2	38
Work holders, Sewing	Apparel	2	38
Work-table, Appliances for the	Apparel	2	38
Worming rope	Cordage	28	127
Worms for fire-arms	Fire-Arms	42	55
Wrappers	Apparel	2	38
Wrecking-cars	Railways; 2	105	121
Wrenches, Monkey	Metal-Working; 6	81A	100
Wrenches, Pipe	Metal-Working; 6	81A	100
Wringers	Laundry	68	91
Wringers, Clamps for	Laundry	68	91
Wringers, Rolls for	Laundry	68	91
Writing-apparatus for the blind	Educational	35	146
Writing-cases	Stationery	120	146
Writing-ink	Chemical Miscellaneous	23	146
Writing-tables	Furniture	45	62
Wrought-metal railway-wheels	Railways; 4	107	122
Wrought nails	Nails	85	103
Y.			
Yarn assorting, balling, dressing, drying, folding, gassing, measuring, packaging, polishing, reeling, sizing, spooling, tying, winding	Cordage	28	17
Yarn coating or covering	Carding	19	28
Yarn-hooks	Cordage	28	17
Yarn-presses	Presses	100	17
Yards to masts, Attaching	Ships; 1	114	138
Yeast and its substitutes	Chemical Miscellaneous	23	35
Yokes for breechy animals	Harness	54	72
Yokes, Neck	Carriages and Wagons	21	31
Yokes, Ox	Carriages and Wagons	21	31
Z.			
Zincography	Fine Arts	41	54
Zinc roofing	Roofing	108	126
Zinc, white, processes and machinery	Paint	91	107

